Product Datasheet

ATP5A Antibody (6M3B8)
NBP3-15355-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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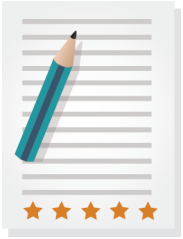
Updated 9/9/2025 v.20.1



NBP3-15355-100ul

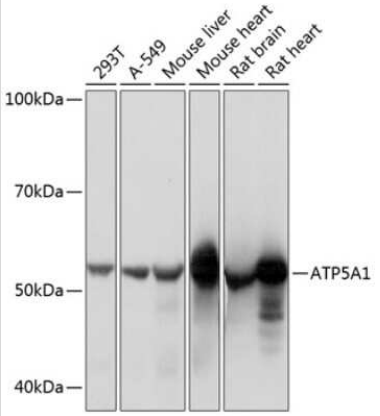
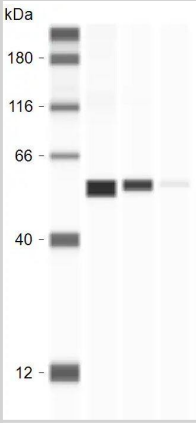
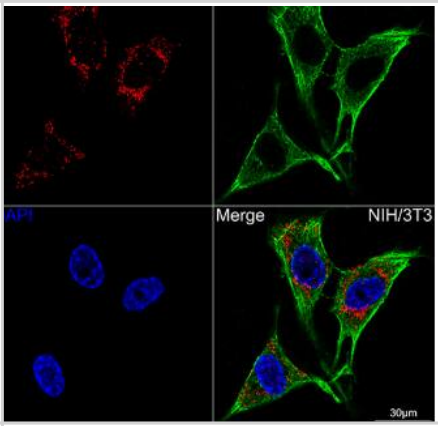
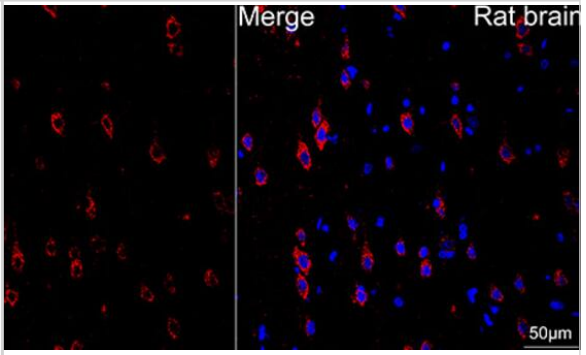
ATP5A Antibody (6M3B8)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6M3B8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	60 kDa

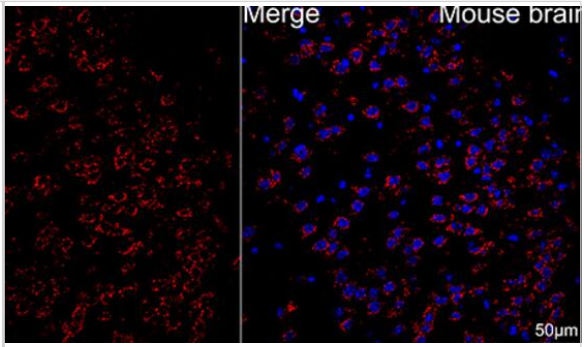
Product Description	
Description	Novus Biologicals Rabbit ATP5A Antibody (6M3B8) (NBP3-15355) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	498
Gene Symbol	ATP5F1A
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human ATP5A (P25705). VPIGRGQRELIIGDRQTGKTSIAIDTIINQKRFNDGSDEKKKLYCIYVAIGQKRSTV AQLVKRLTDADAMKYTIVVSATASDAAPLQYLAPYSGCSMGEYF

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:6000, Simple Western, ELISA ,Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:2000, Immunoprecipitation 0.5µg-4µg antibody for 400µg-600µg extracts of whole cells, Immunohistochemistry-Paraffin 1:200 - 1:2000
Application Notes	See Simple Western Antibody Database for Simple Western validation

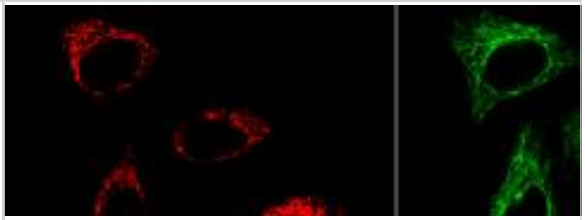
Images

Western Blot: ATP5A Antibody (6M3B8) [NBP3-15355] - Analysis of extracts of various cell lines, using ATP5A Rabbit mAb (NBP3-15355) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.	
Simple Western: ATP5A Antibody (6M3B8) [NBP3-15355] - ATP5A Antibodies (NBP3-15355), ProteinSimple Western Blot on Jess Instrument; 1, 0.5, and 0.2 microgram of human brain tissue lysate was tested with the antibodies diluted 20 times. Image from verified customer review.	
Immunocytochemistry/Immunofluorescence: ATP5A Antibody (6M3B8) [NBP3-15355] - Confocal imaging of NIH/3T3 cells using ATP5A1 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.	
Immunohistochemistry-Paraffin: ATP5A Antibody (6M3B8) [NBP3-15355] -Rat brain tissue using ATP5A1 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.	

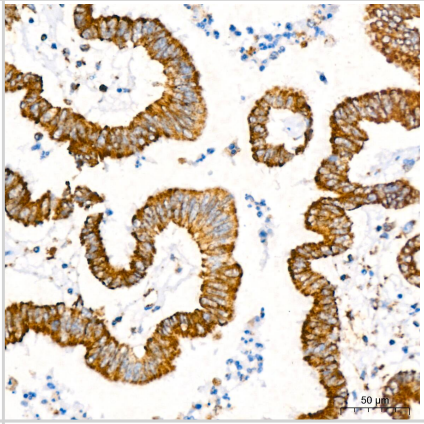
Immunohistochemistry-Paraffin: ATP5A Antibody (6M3B8) [NBP3-15355] - Mouse brain tissue using ATP5A1 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



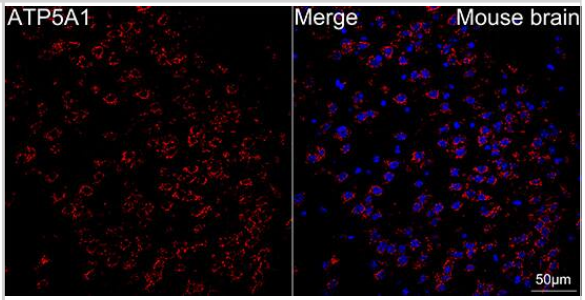
Immunocytochemistry/Immunofluorescence: ATP5A Antibody (6M3B8) [NBP3-15355] - Confocal imaging of HeLa cells using ATP5A1 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



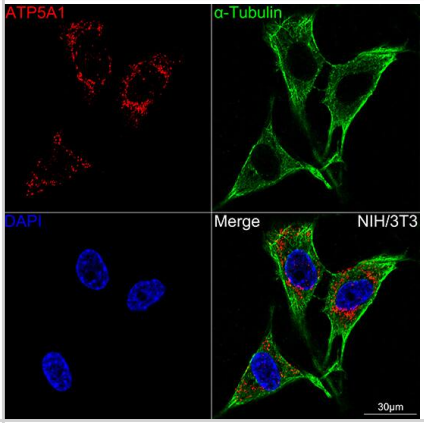
Immunohistochemistry: ATP5A Antibody (6M3B8) [ATP5A] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using ATP5A Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



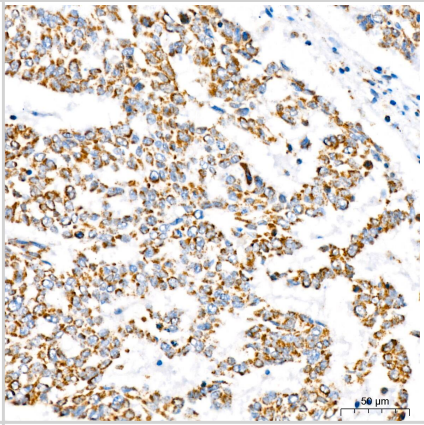
Immunocytochemistry/ Immunofluorescence: ATP5A Antibody (6M3B8) [ATP5A] - Confocal imaging of paraffin-embedded Mouse brain tissue using ATP5A Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



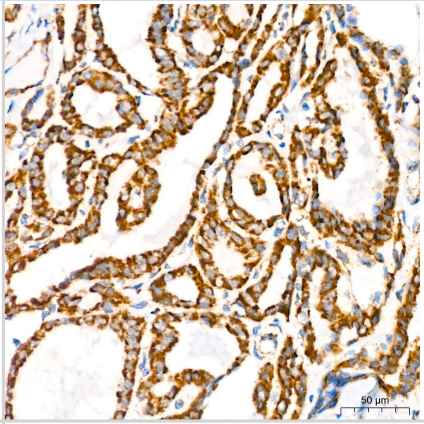
Immunocytochemistry/ Immunofluorescence: ATP5A Antibody (6M3B8) [ATP5A] - Confocal imaging of NIH/3T3 cells using ATP5A Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



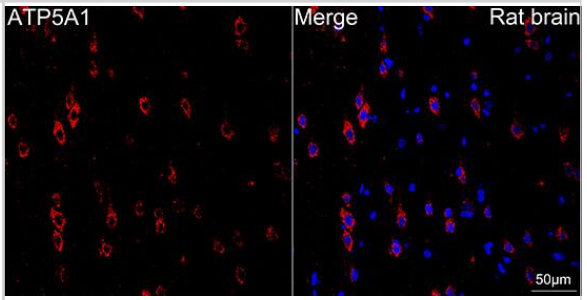
Immunohistochemistry: ATP5A Antibody (6M3B8) [ATP5A] - Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using ATP5A Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

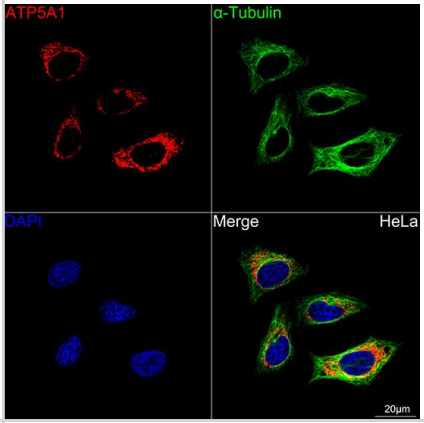
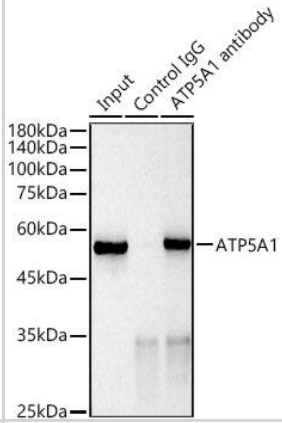
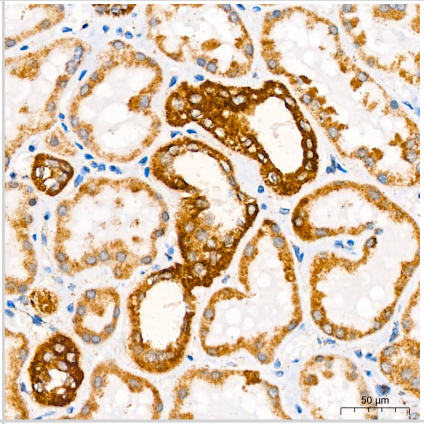
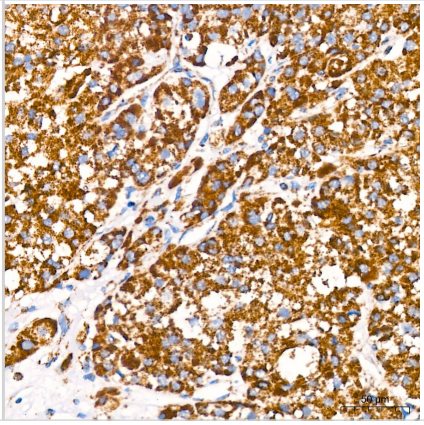


Immunohistochemistry: ATP5A Antibody (6M3B8) [ATP5A] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using ATP5A Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

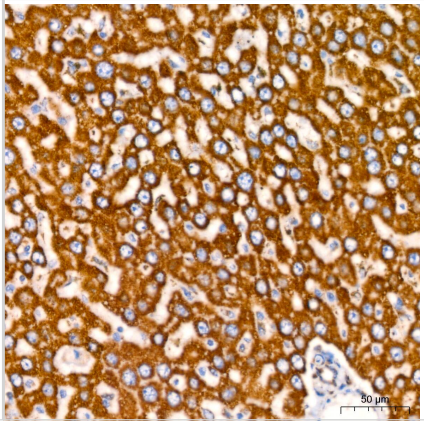


Immunocytochemistry/ Immunofluorescence: ATP5A Antibody (6M3B8) [ATP5A] - Confocal imaging of paraffin-embedded Rat brain tissue using ATP5A Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunocytochemistry/ Immunofluorescence: ATP5A Antibody (6M3B8) [ATP5A] - Confocal imaging of HeLa cells using ATP5A Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.	
Immunoprecipitation: ATP5A Antibody (6M3B8) [ATP5A] - Immunoprecipitation analysis of 600 ug extracts of Mouse heart using 3 ug ATP5A antibody . Western blot was performed from the immunoprecipitate using ATP5A antibody at a dilution of 1:1000.	
Immunohistochemistry: ATP5A Antibody (6M3B8) [ATP5A] - Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using ATP5A Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.	
Immunohistochemistry: ATP5A Antibody (6M3B8) [ATP5A] - Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using ATP5A Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.	

Immunohistochemistry: ATP5A Antibody (6M3B8) [ATP5A] - Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using ATP5A Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



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NBP2-24891	Rabbit IgG Isotype Control

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This product is for research use only and is not approved for use in humans or in clinical diagnosis.
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