

Product Datasheet

ATPB Antibody (1H2W2) NBP3-15354-100ul

Unit Size: 100 ul

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

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NBP3-15354-100ul

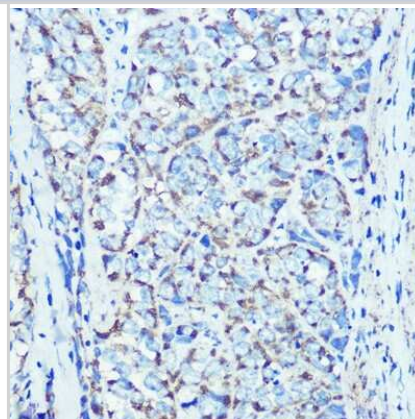
ATPB Antibody (1H2W2)

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	1H2W2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Product Description	
Description	Novus Biologicals Rabbit ATPB Antibody (1H2W2) (NBP3-15354) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	506
Gene Symbol	ATP5F1B
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 230-529 of human ATPB (NP_001677.2). YSVFAGVGERTREGNDLYHĒMIESGVINLKDATSKVALVYGQMNEPPGARARV ALTGLTVAEYFRDQEGQDVLLFIDNIFRFTQAGSEVSALLGRIPSAVGYQPTLAT DMGTMQERITTTKKGSITSVQAIYVPADDLTDPAPATTFAHLDATTVLSRAIAEL GIYPAVDPLDSTSRIMDPNIVGSEHYDVARGVQKILQDYKSLQDIIAILGMDELSE EDKLTVSRARKIQRFLSQPFQVAEVFTGHMGKLVPLKETIKGFQQILAGEYDHL PEQAFYMGPIEEAVAKADKLAEEHSS
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:3000 - 1:20000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

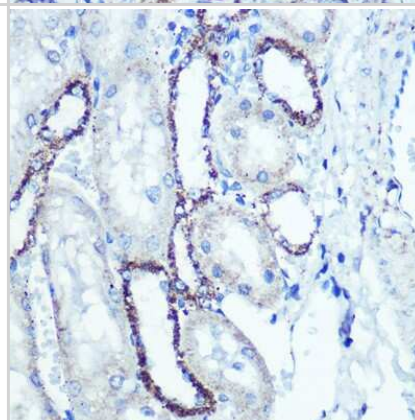


Images

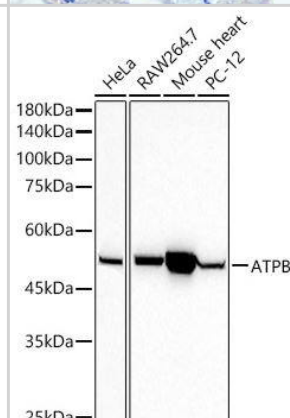
Immunohistochemistry-Paraffin: ATPB Antibody (9A1O2) [NBP3-15354]
 - Immunohistochemistry of paraffin-embedded human esophageal cancer using ATPB Rabbit mAb (NBP3-15354) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



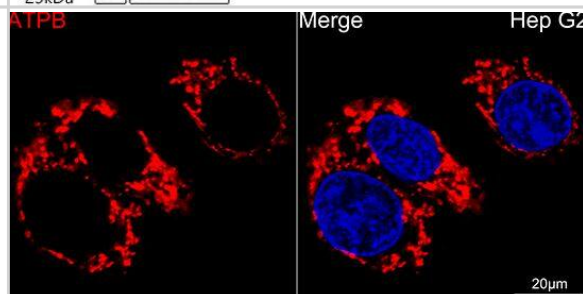
Immunohistochemistry-Paraffin: ATPB Antibody (9A1O2) [NBP3-15354]
 - Immunohistochemistry of paraffin-embedded rat kidney using ATPB Rabbit mAb (NBP3-15354) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



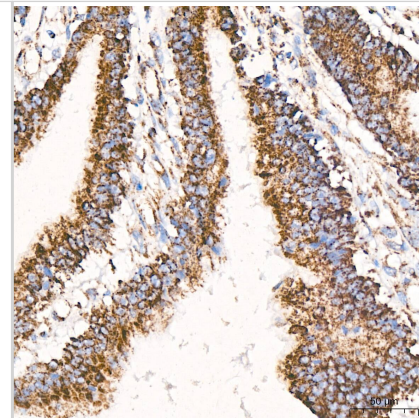
Western Blot: ATPB Antibody (9A1O2) [NBP3-15354] - analysis of extracts of various cell lines, using ATPB antibody at 1:20000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



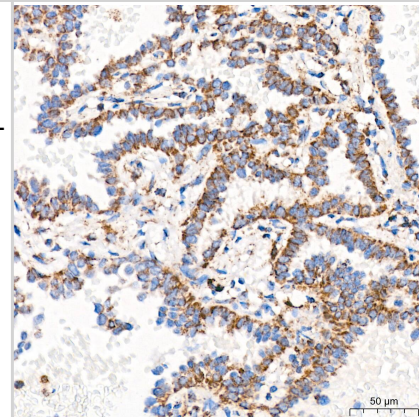
Immunocytochemistry/Immunofluorescence: ATPB Antibody (9A1O2) [NBP3-15354] - HepG2 cells using ATPB Rabbit mAb (dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x.



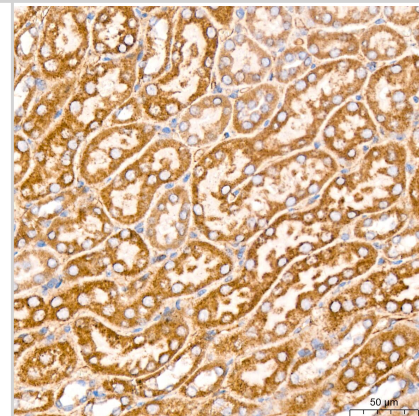
Immunohistochemistry: ATPB Antibody (1H2W2) [ATPB] -
Immunohistochemistry analysis of ATPB in paraffin-embedded human colon carcinoma tissue using ATPB Rabbit mAb at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



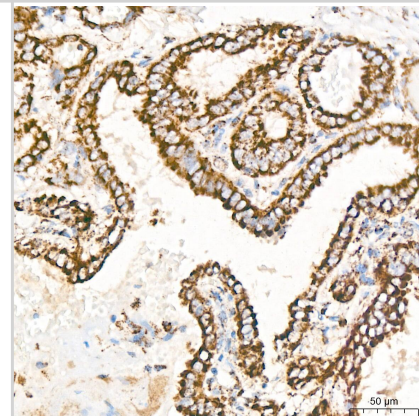
Immunohistochemistry: ATPB Antibody (1H2W2) [ATPB] -
Immunohistochemistry analysis of ATPB in paraffin-embedded Human lung adenocarcinoma tissue using ATPB Rabbit mAb at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



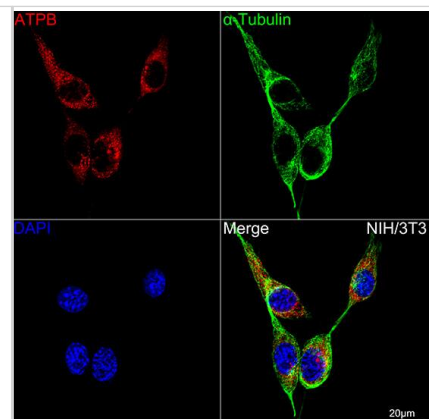
Immunohistochemistry: ATPB Antibody (1H2W2) [ATPB] -
Immunohistochemistry analysis of ATPB in paraffin-embedded mouse kidney tissue using ATPB Rabbit mAb at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



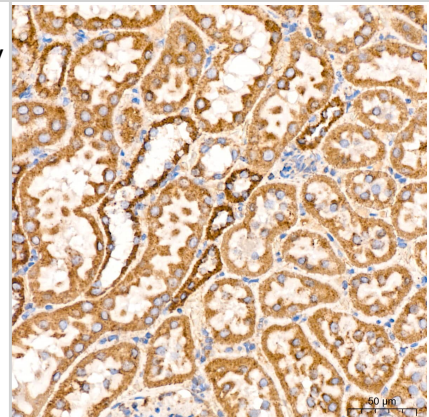
Immunohistochemistry: ATPB Antibody (1H2W2) [ATPB] -
Immunohistochemistry analysis of ATPB in paraffin-embedded human thyroid cancer tissue using ATPB Rabbit mAb at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



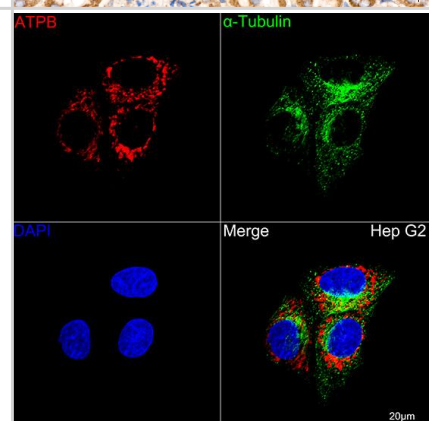
Immunocytochemistry/ Immunofluorescence: ATPB Antibody (1H2W2) [ATPB] - Confocal imaging of NIH/3T3 cells using ATPB Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



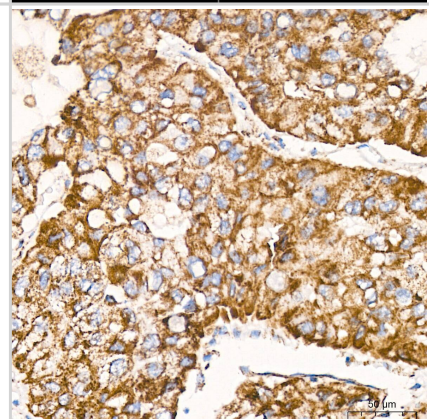
Immunohistochemistry: ATPB Antibody (1H2W2) [ATPB] - Immunohistochemistry analysis of ATPB in paraffin-embedded rat kidney tissue using ATPB Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



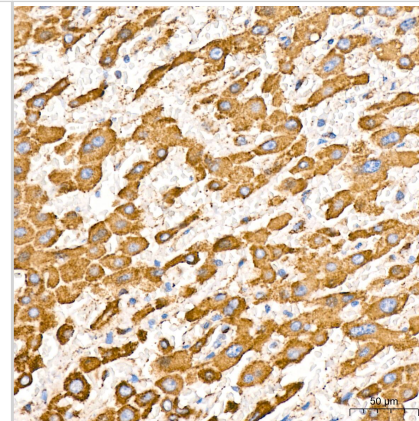
Immunocytochemistry/ Immunofluorescence: ATPB Antibody (1H2W2) [ATPB] - Confocal imaging of Hep G2 cells using ATPB Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry: ATPB Antibody (1H2W2) [ATPB] - Immunohistochemistry analysis of ATPB in paraffin-embedded human liver cancer tissue using ATPB Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: ATPB Antibody (1H2W2) [ATPB] -
Immunohistochemistry analysis of ATPB in paraffin-embedded human liver tissue using ATPB Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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