

Product Datasheet

Hexokinase 1 Antibody (6B7Q2)

NBP3-15274-100ul

Unit Size: 100 ul

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

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NBP3-15274-100ul

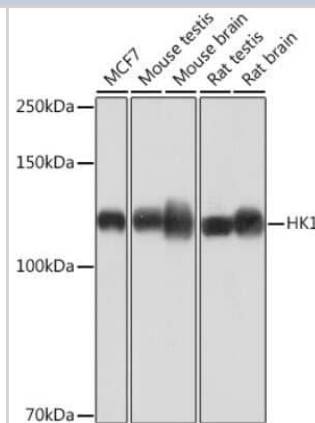
Hexokinase 1 Antibody (6B7Q2)

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	6B7Q2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	102 kDa
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Hexokinase 1 Antibody (6B7Q2) (NBP3-15274) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3098
Gene Symbol	HK1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Hexokinase 1 (P19367). GLSRDFNPTATVKMLPTFVRSIPDGSEKGDFFALDLGGSSFRILRVQVNHEKNQ NVHMESEVYDTPENIVHGSGSQLFDHVAECLGDFMEKRRKIKDKKLPV
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:1000 - 1:2000, ELISA Recommended starting concentration is 1 µg/mL, Immunohistochemistry 1:200 - 1:800, Immunocytochemistry/Immunofluorescence 1:200 - 1:800, Immunoprecipitation 0.5µg-4µg antibody for 400µg-600µg extracts of whole cells, Immunohistochemistry-Paraffin 1:200 - 1:800, Knockout Validated

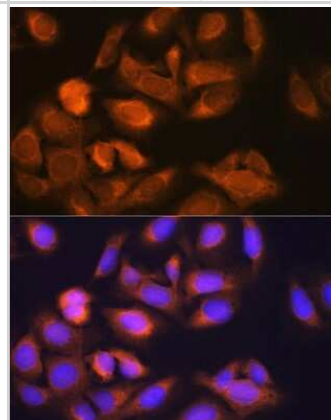


Images

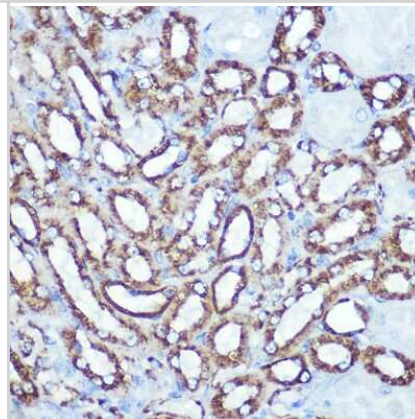
Western Blot: Hexokinase 1 Antibody (6B7Q2) [NBP3-15274] - Western blot analysis of extracts of various cell lines, using Hexokinase 1 Rabbit mAb (NBP3-15274) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



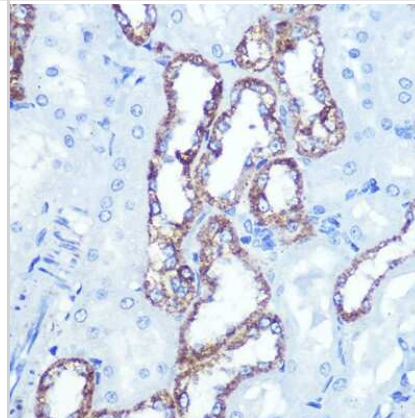
Immunocytochemistry/Immunofluorescence: Hexokinase 1 Antibody (6B7Q2) [NBP3-15274] - Immunofluorescence analysis of U-2 OS cells using Hexokinase 1 Rabbit mAb (NBP3-15274) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



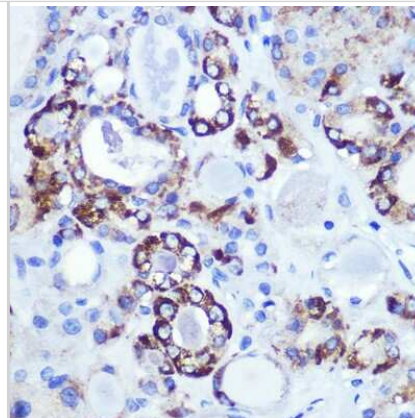
Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (6B7Q2) [NBP3-15274] - Immunohistochemistry of paraffin-embedded mouse kidney using Hexokinase 1 Rabbit mAb (NBP3-15274) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



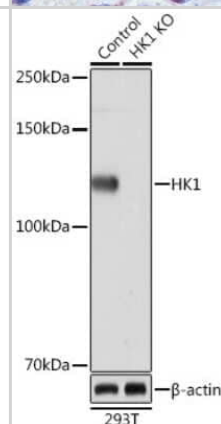
Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (6B7Q2) [NBP3-15274] - Immunohistochemistry of paraffin-embedded rat kidney using Hexokinase 1 Rabbit mAb (NBP3-15274) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



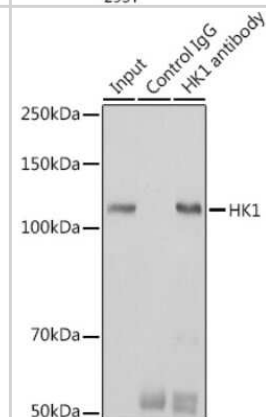
Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (6B7Q2) [NBP3-15274] - Immunohistochemistry of paraffin-embedded human thyroid cancer using Hexokinase 1 Rabbit mAb (NBP3-15274) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



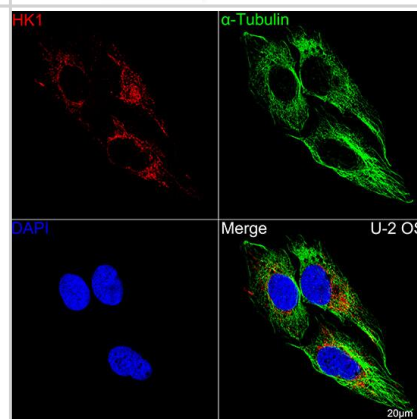
Western Blot: Hexokinase 1 Antibody (6B7Q2) [NBP3-15274] - Western blot analysis of extracts from normal (control) and Hexokinase 1 knockout (KO) 293T cells, using Hexokinase 1 Rabbit mAb (NBP3-15274) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



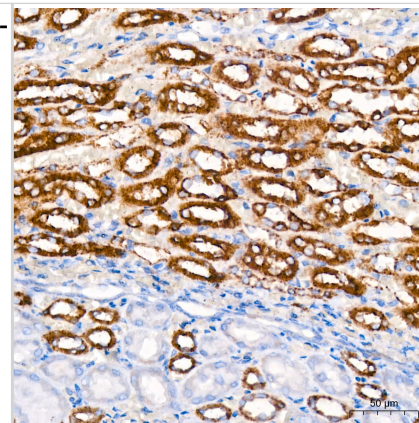
Immunoprecipitation: Hexokinase 1 Antibody (6B7Q2) [NBP3-15274] - Immunoprecipitation analysis of 600ug extracts of Mouse brain cells using 3ug Hexokinase 1 antibody (NBP3-15274). Western blot was performed from the immunoprecipitate using Hexokinase 1 (NBP3-15274) at a dilution of 1:1000.



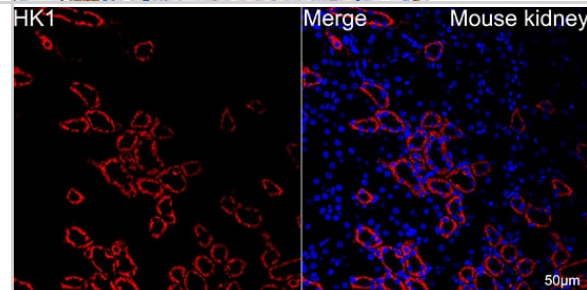
Immunocytochemistry/ Immunofluorescence: Hexokinase 1 Antibody (6B7Q2) [Hexokinase 1] - Confocal imaging of U-2 OS cells using [KO Validated] Hexokinase 1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



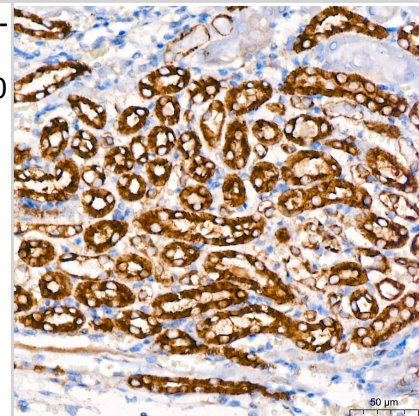
Immunohistochemistry: Hexokinase 1 Antibody (6B7Q2) [Hexokinase 1] - Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using [KO Validated] Hexokinase 1 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Hexokinase 1 Antibody (6B7Q2) [Hexokinase 1] - Confocal imaging of paraffin-embedded Mouse kidney tissue using [KO Validated] Hexokinase 1 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 high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.



Immunohistochemistry: Hexokinase 1 Antibody (6B7Q2) [Hexokinase 1] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using [KO Validated] Hexokinase 1 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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Products Related to NBP3-15274-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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