

Product Datasheet

HINT2 Antibody - BSA Free

NBP1-86024

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-86024

HINT2 Antibody - BSA Free

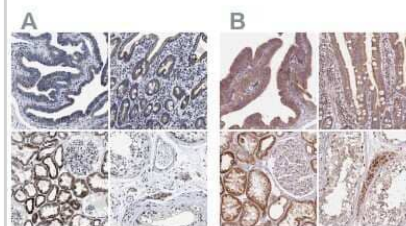
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	84681
Gene Symbol	HINT2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (89%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IPRISQAEEDQQLLGHLLLVAKQTAKAEGLDGYRLVINDGKLGQAQSVYHLHI HVLGGRQLQWP

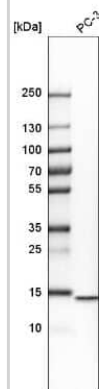
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

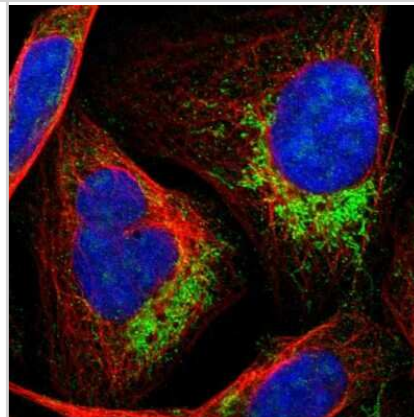
Immunohistochemistry-Paraffin: HINT2 Antibody [NBP1-86024] - Staining of human fallopian tube, gastrointestinal, kidney and testis using Anti-HINT2 antibody NBP1-86024 (A) shows similar protein distribution across tissues to independent antibody NBP2-56156 (B).



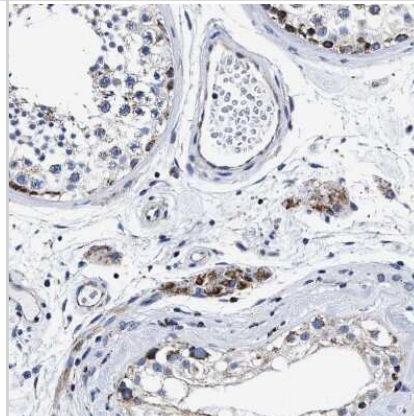
Western Blot: HINT2 Antibody [NBP1-86024] - Analysis in human cell line PC-3.



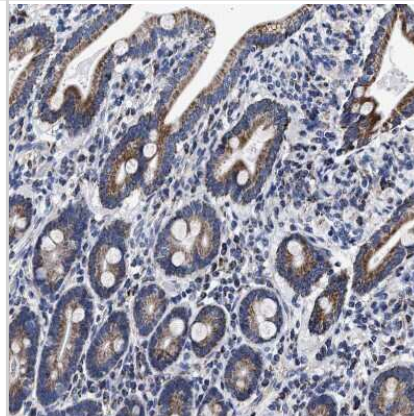
Immunocytochemistry/Immunofluorescence: HINT2 Antibody [NBP1-86024] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



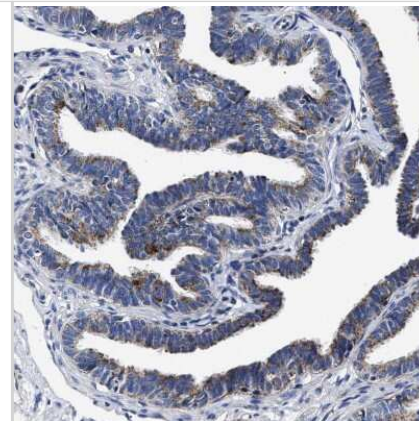
Immunohistochemistry-Paraffin: HINT2 Antibody [NBP1-86024] - Staining of human testis shows strong granular cytoplasmic positivity in Leydig cells.



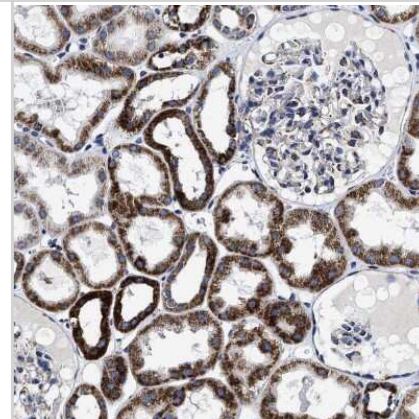
Immunohistochemistry-Paraffin: HINT2 Antibody [NBP1-86024] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: HINT2 Antibody [NBP1-86024] - Staining of human fallopian tube shows moderate granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: HINT2 Antibody [NBP1-86024] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Publications

Wang Y, Hsu S, Tsai H et al. Transcriptomic and Proteomic Analysis of CRISPR/Cas9-Mediated ARC-Knockout HEK293 Cells International Journal of Molecular Sciences [PMID: 35562887] (WB, Human)

Chen L, Sun Q, Zhou D et al. HINT2 triggers mitochondrial Ca(2+) influx by regulating the mitochondrial Ca(2+) uniporter (MCU) complex and enhances gemcitabine apoptotic effect in pancreatic cancer Cancer Lett. 2017-09-23 [PMID: 28947137] (IF/IHC, Human)



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Products Related to NBP1-86024

NBP1-86024PEP	HINT2 Recombinant Protein Antigen
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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