

Product Datasheet

Optineurin Antibody - BSA Free

NBP1-84683

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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Updated 2/21/2025 v.20.1

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NBP1-84683

Optineurin 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

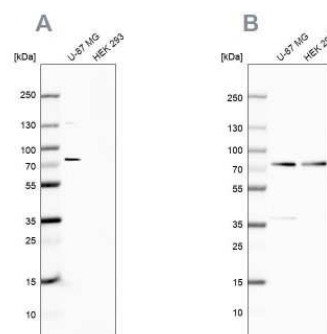
Host	Rabbit
Gene ID	10133
Gene Symbol	OPTN
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LELAEKALASKQLQMDEMKTIAKQEEDLETMTILRAQMEVYCSDFAERAAR EKIHKEKEQLALQLAVLLKENDAFEDGGRQSLMEMQSRHGARTSDSDQQAYL VQRGAEDRDWRQQRNIPIHSCPKCGEVL

Product Application Details

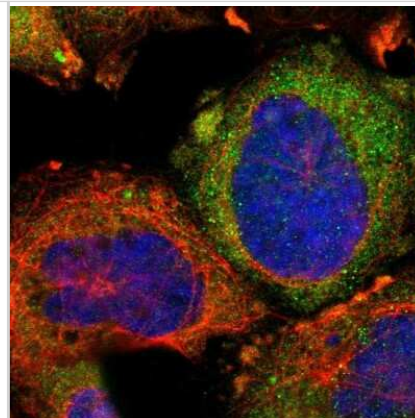
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500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

Images

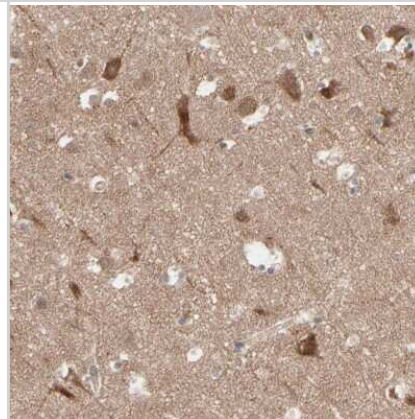
Western Blot: Optineurin Antibody [NBP1-84683] - Analysis using Anti-OPTN antibody NBP1-84683 (A) shows similar pattern to independent antibody NBP1-84682 (B).



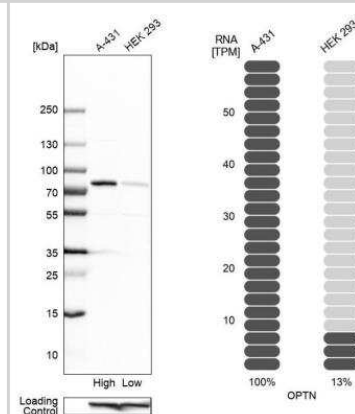
Immunocytochemistry/Immunofluorescence: Optineurin Antibody [NBP1-84683] - Immunofluorescent staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



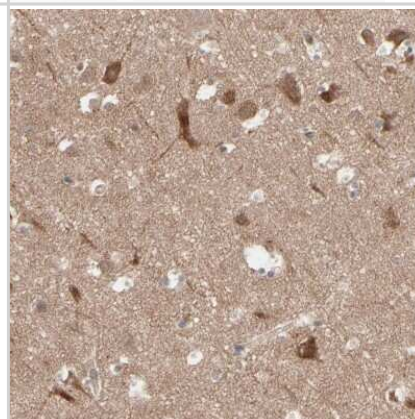
Immunohistochemistry-Paraffin: Optineurin Antibody [NBP1-84683] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neuronal cells.



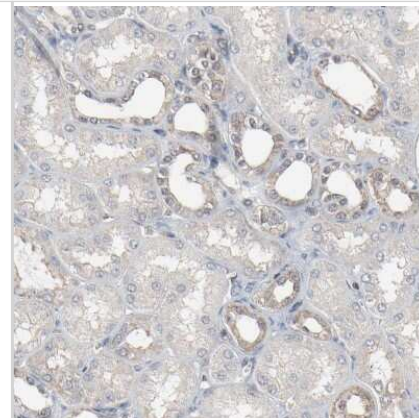
Western Blot: Optineurin Antibody [NBP1-84683] - Analysis in human cell lines A-431 and HEK293 using Anti-OPTN antibody. Corresponding OPTN RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



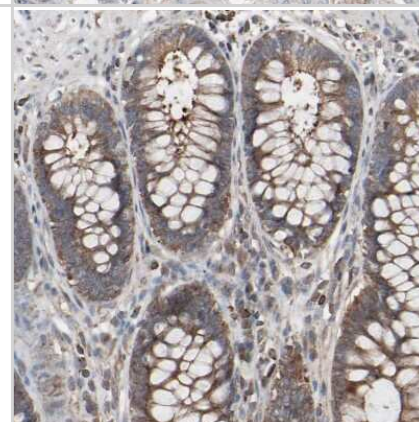
Immunohistochemistry-Paraffin: Optineurin Antibody [NBP1-84683] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neuronal cells.



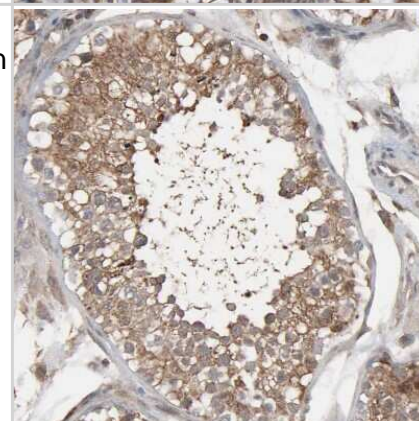
Immunohistochemistry-Paraffin: Optineurin Antibody [NBP1-84683] - Staining of human kidney shows weak cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Optineurin Antibody [NBP1-84683] - Staining of human rectum shows moderate cytoplasmic positivity in cells in granular layer.



Immunohistochemistry-Paraffin: Optineurin Antibody [NBP1-84683] - Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.





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Products Related to NBP1-84683

NBP1-84683PEP	Optineurin 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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