

Product Datasheet

Neuroplastin Antibody (OTI3C4) NBP2-01793

Unit Size: 0.1 ml

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

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NBP2-01793

Neuroplastin Antibody (OTI3C4)

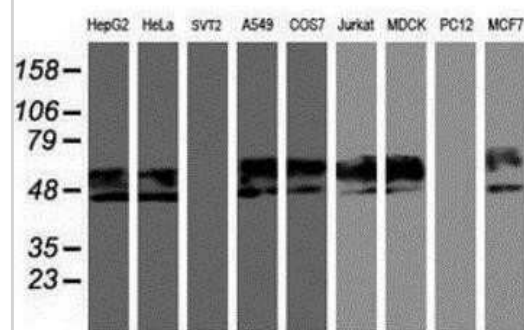
Product Information	
Unit Size	0.1 ml
Concentration	0.65 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3C4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	28.7 kDa

Product Description	
Host	Mouse
Gene ID	27020
Gene Symbol	NPTN
Species	Human, Rat, Canine, Monkey
Immunogen	Full length human recombinant protein of human NPTN(NP_059429) produced in HEK293T cell.

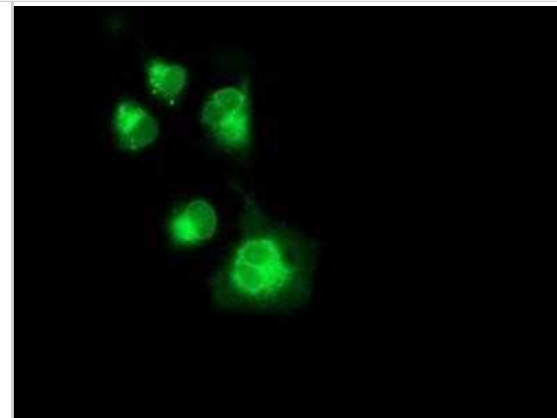
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

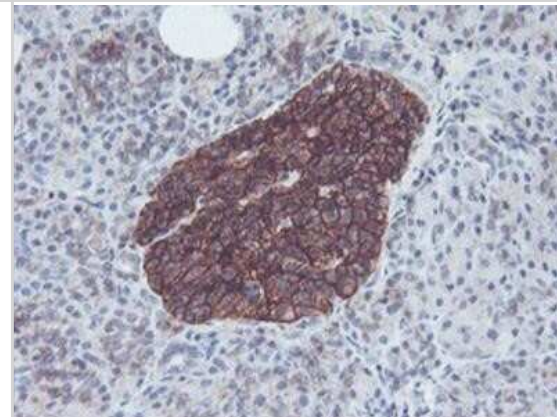
Western Blot: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Analysis of extracts (35ug) from 9 different cell lines by using anti-NPTN monoclonal antibody.



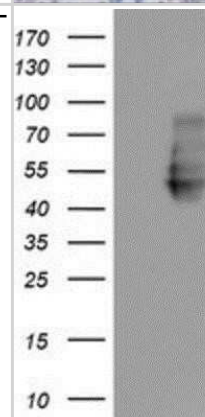
Immunocytochemistry/Immunofluorescence: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY NPTN.



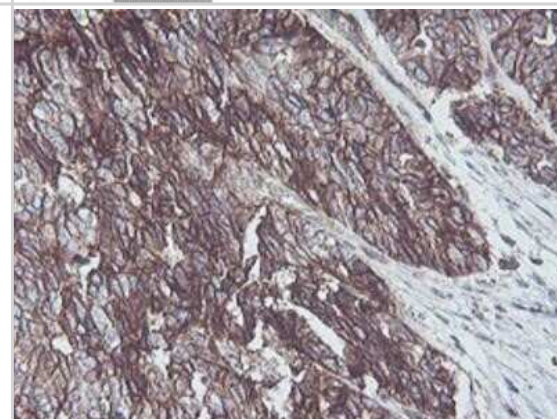
Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Human pancreas tissue using anti-NPTN mouse monoclonal antibody.



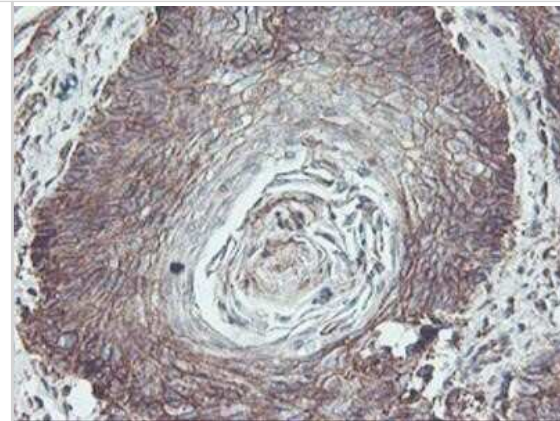
Western Blot: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NPTN (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NPTN.



Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-NPTN mouse monoclonal antibody.



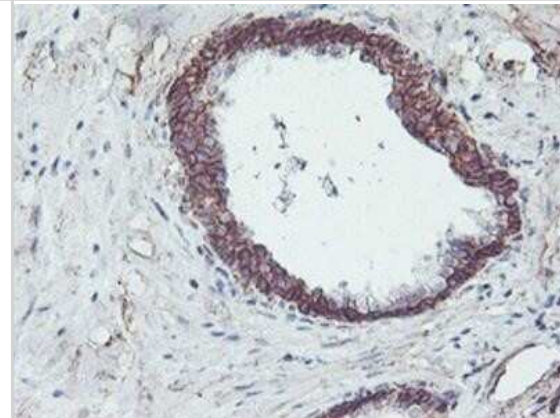
Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-NPTN mouse monoclonal antibody.



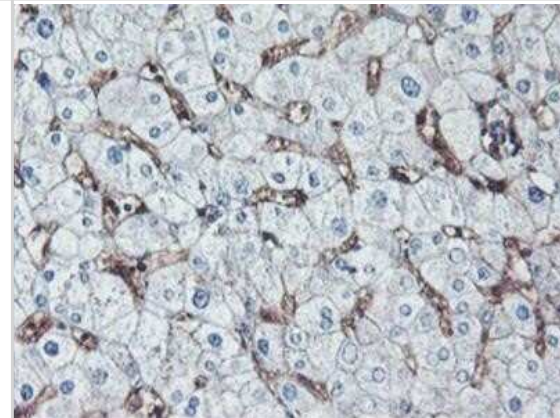
Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-NPTN mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-NPTN mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Human liver tissue using anti-NPTN mouse monoclonal antibody.



Publications

Li S, Wei X, Huang H et al. Neuroplastin exerts antiepileptic effects through binding to the $\gamma 1$ subunit of GABA type A receptors to inhibit the internalization of the receptors Journal of translational medicine 2023-10-09 [PMID: 37814294] (WB, Rat)



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Products Related to NBP2-01793

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-56293PEP	Neuroplastin Recombinant Protein Antigen

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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