

Product Datasheet

OMgp Antibody - BSA Free

NBP1-82483

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: 1

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NBP1-82483

OMgp 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

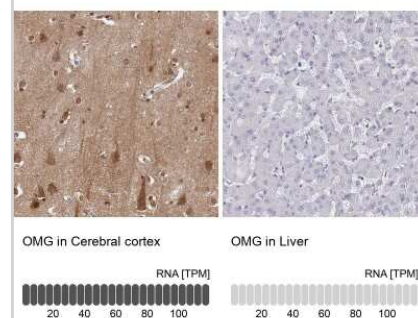
Host	Rabbit
Gene ID	4974
Gene Symbol	OMG
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LPSGLQENIIHLNLSYNHFTDLHNQLTQYTNLRTLDISNNRLESLPAHLPRSLWN MSAANNNIKLLDKSDTAYQWNLKYLDVSKNMLEKVVLIKNTLRSLVLNLSSNK

Product Application Details

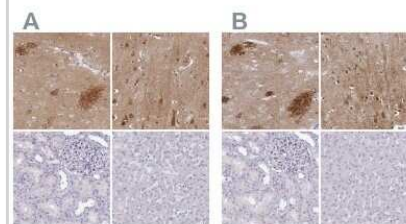
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

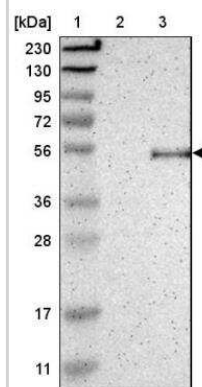
Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Analysis in human cerebral cortex and liver tissues. Corresponding OMgp RNA-seq data are presented for the same tissues.



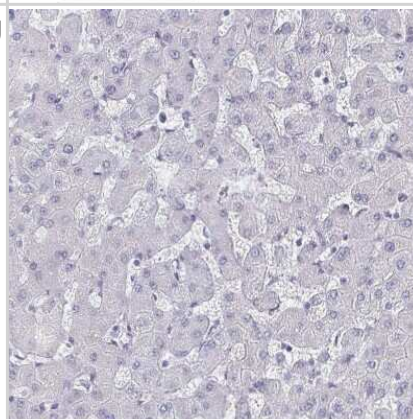
Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Staining of human caudate nucleus, cerebral cortex, kidney and liver using Anti-OMgp antibody NBP1-82483 (A) shows similar protein distribution across tissues to independent antibody NBP1-82484 (B).



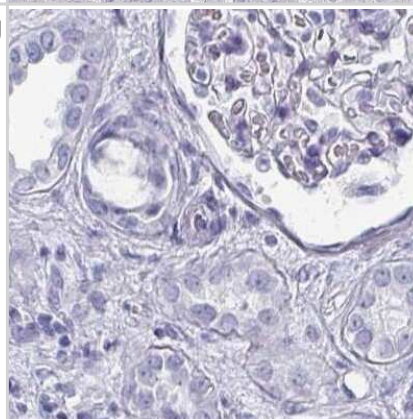
Western Blot: OMgp Antibody [NBP1-82483] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



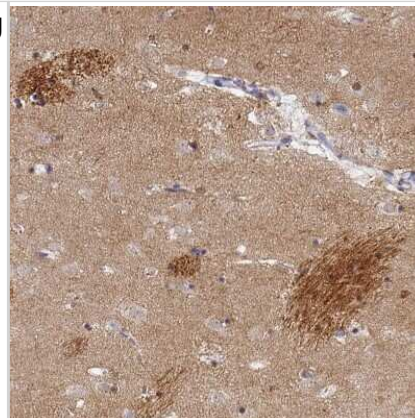
Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Staining of human liver shows no positivity in hepatocytes as expected.



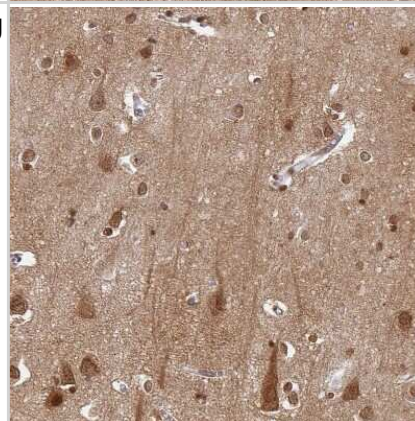
Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Staining of human kidney.



Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Staining of human caudate nucleus shows moderate to strong positivity in neuronal processes.



Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Staining of human cerebral cortex shows moderate positivity in neuropil, as well as staining in glial cells.



Publications

Chang KJ, Susuki K, Dours-Zimmermann MT et al. Oligodendrocyte myelin glycoprotein does not influence node of ranvier structure or assembly. J Neurosci 2010-10-01 [PMID: 20980605]



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Products Related to NBP1-82483

NBP1-82483PEP	OMgp 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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