

# 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

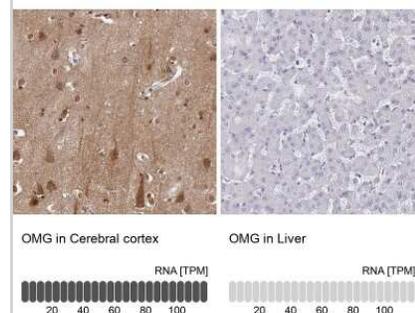
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C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

| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Rabbit OMgp Antibody - BSA Free (NBP1-82483) is a polyclonal antibody validated for use in IHC and WB. Anti-OMgp Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit   |
| Gene ID             | 4974   |
| Gene Symbol         | OMG  |
| Species             | Human  |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>LPSGLQENIIHLNLSYNHFTDLHNQLTQYTNLRTLDISNNRLESPLAHLPRSLWN<br>MSAANNNIKLLDKSDTAYQWNLKYLDVSKNMLEKVVLIKNTLRSLVNLSSNK                                 |

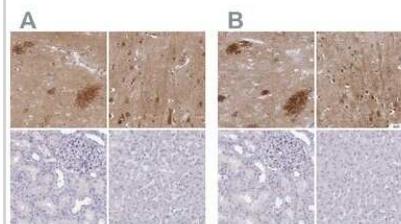
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry  |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000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

**Images**

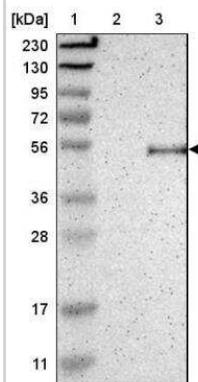
Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Analysis in human cerebral cortex and liver tissues. Corresponding OMgp RNA-seq data are presented for the same tissues.



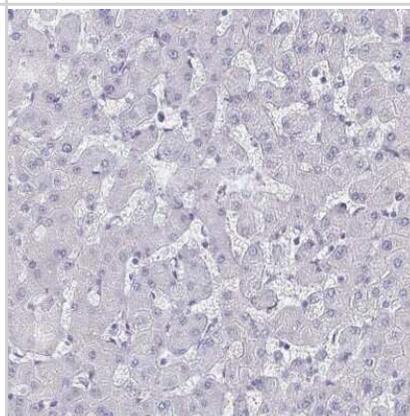
Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Staining of human caudate nucleus, cerebral cortex, kidney and liver using Anti-OMgp antibody NBP1-82483 (A) shows similar protein distribution across tissues to independent antibody NBP1-82484 (B).



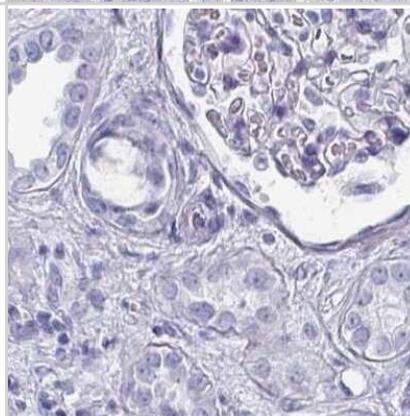
Western Blot: OMgp Antibody [NBP1-82483] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



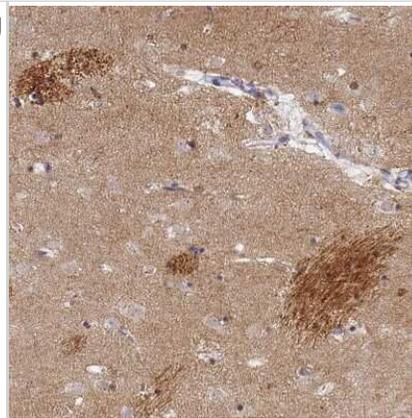
Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Staining of human liver shows no positivity in hepatocytes as expected.



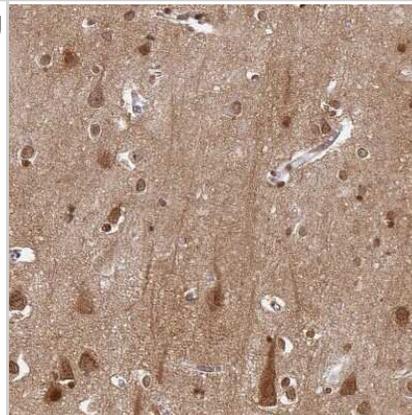
Immunohistochemistry-Paraffin: OMgp Antibody [NBP1-82483] - Staining of human kidney.



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**

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|               |   |
|---------------|---|
| NBP1-82483PEP | OMgp Recombinant Protein Antigen                    |
| 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                          |

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### **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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