

Product Datasheet

OPALIN Antibody - BSA Free NBP1-81656

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

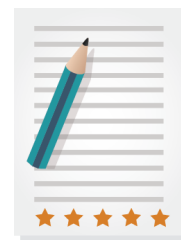
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NBP1-81656

OPALIN Antibody - BSA Free

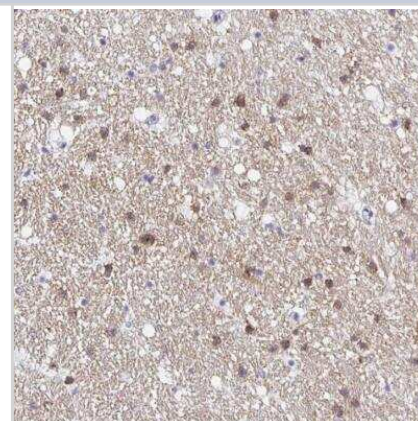
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	93377
Gene Symbol	OPALIN
Species	Human
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 24920622)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RRRSSIEAMEESDRPCEISEIDDNPKISENPRRSPTHEKNTMGAQEAHIYVKTV AGSEEPVHDIRPTIEMERRRGLWWLVPRLSLE

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Immunohistochemistry-Frozen Reported in scientific literature (PMID: 24920622)
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Immunohistochemistry-Paraffin: OPALIN Antibody [NBP1-81656] - Staining of human hippocampus shows moderate cytoplasmic positivity in glial cells.



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]

Moreno M, Bannerman P, Ma J et al. Conditional Ablation of Astroglial CCL2 Suppresses CNS Accumulation of M1 Macrophages and Preserves Axons in Mice with MOG Peptide EAE. *J. Neurosci.* 2014-06-11 [PMID: 24920622] (IHC-Fr, Mouse)

Details:

Opalin antibody (NBP1-81656, RRID:AB_11028865) was used at dilution of 1:2000 for staining 10- to 14- μ m-thick murine cryosections as - mice perfused with 4% PFA in PBS, tissues cryoprotected in PBS - 30% sucrose and cryostat cut sections blocked with 5% normal serum in PBS for 1 h at room temperature followed by incubation with primary antibody at 4C ON. Figure 6C shows the Opalin fluorescence integrated density (IntDen) within ventral fasciculi of 14 μ m lumbar spinal cord sections from WT mice injected with CFA without MOG peptide (gray bars), and mGFAPCre/RosaEYFP and mGFAPCre/CCL2flx/flx/RosaEYFP mice injected with MOG peptide (black and white dotted bars, respectively), at 14 and 85 dpi.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-81656

NBP1-81656PEP	OPALIN 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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