

Product Datasheet

OPALIN Antibody (CL11142) - Azide and BSA Free NBP3-44178

Unit Size: 100 ug

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

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NBP3-44178

OPALIN Antibody (CL11142) - Azide and BSA Free

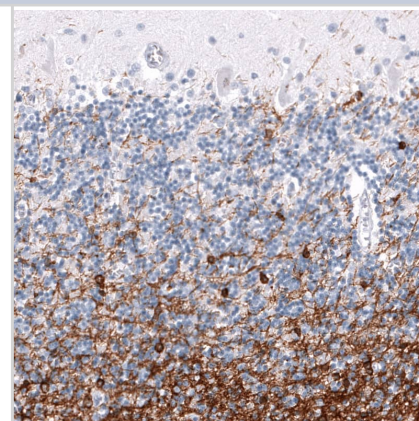
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL11142
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	93377
Gene Symbol	OPALIN
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of Q96PE5, with the exact immunogen sequence remaining proprietary.

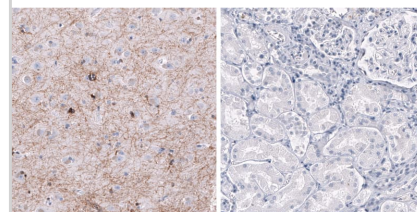
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Staining of human cerebellum shows strong cytoplasmic positivity in oligodendrocytes.

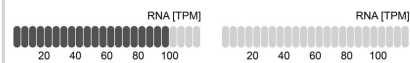


Analysis in human cerebral cortex and kidney tissues using NBP3-44178 antibody. Corresponding OPALIN RNA-seq data are presented for the same tissues.

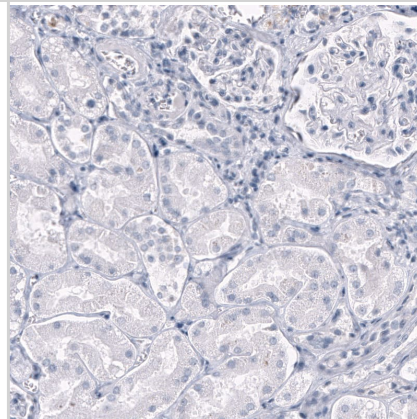


OPALIN in Cerebral cortex

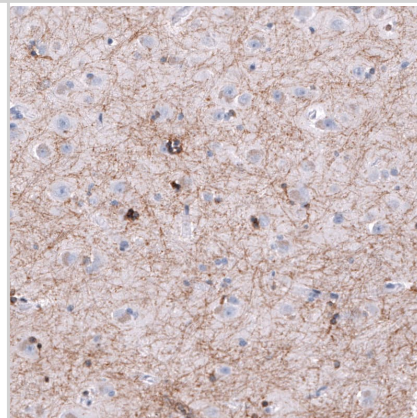
OPALIN in Kidney



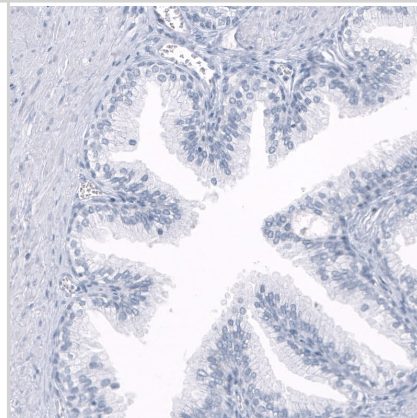
Staining of human kidney shows no positivity in cells in tubules as expected.



Staining of human cerebral cortex shows strong positivity in oligodendrocytes and myelinated fibers.



Staining of human prostate shows no positivity in glandular cells as expected.





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Products Related to NBP3-44178

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)
NBP1-81656PEP	OPALIN 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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