

Product Datasheet

Aquaporin-4 Antibody (CL0178) - Azide and BSA Free NBP3-43897

Unit Size: 100 ug

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

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NBP3-43897

Aquaporin-4 Antibody (CL0178) - Azide and BSA Free

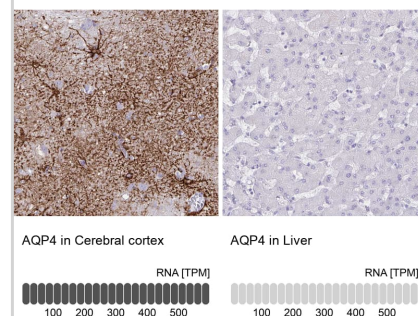
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0178
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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	361
Gene Symbol	AQP4
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P55087, with the exact immunogen sequence remaining proprietary.

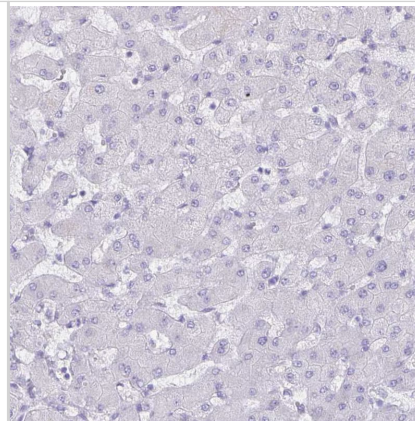
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

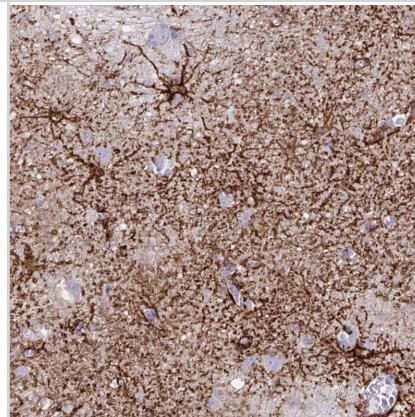
Analysis in human cerebral cortex and liver tissues using NBP3-43897 antibody. Corresponding Aquaporin-4 RNA-seq data are presented for the same tissues.



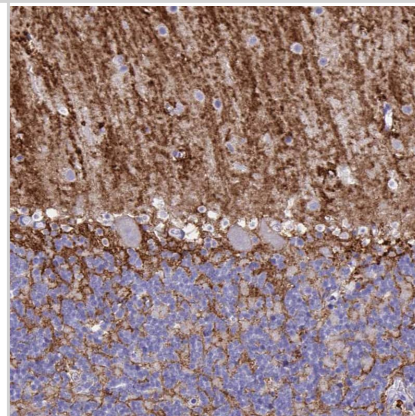
Staining of human liver shows no positivity in hepatocytes as expected.



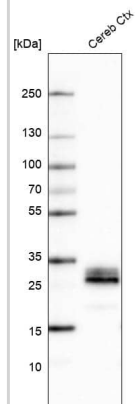
Staining of human cerebral cortex shows moderate to strong membranous positivity in astrocytes.



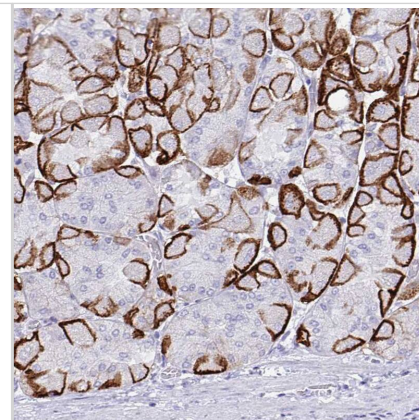
Staining of human cerebellum shows strong positivity in neuropil, mainly in the molecular layer.



Analysis in human cerebral cortex tissue.



Staining of human stomach shows moderate to strong membranous positivity in glandular cells.





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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)
NBP2-52872PEP	Aquaporin-4 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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