

Product Datasheet

Aquaporin-4 Antibody - Azide and BSA Free NBP2-92886-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

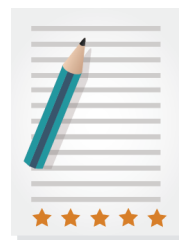
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NBP2-92886-0.1ml

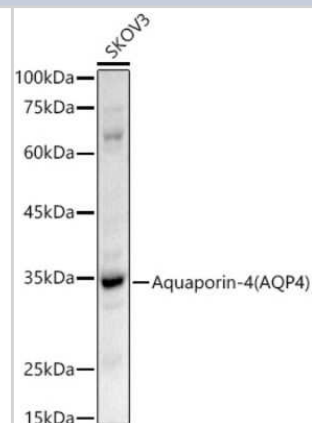
Aquaporin-4 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Affinity purified
Buffer	PBS with 50% glycerol, pH7.3.
Product Description	
Host	Rabbit
Gene ID	361
Gene Symbol	AQP4
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 256-323 of human Aquaporin-4 (NP_001641.1). VEFKRRFKEAFSKAAQQTKGSYMEVEDNRSQVETDDLILKPGVVHVIDVDRGE EKKGKDQSGEVLSSV
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100 - 1:500, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin

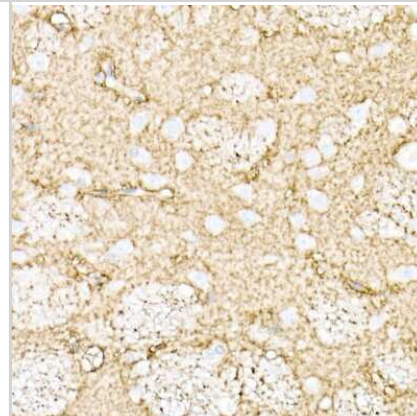


Images

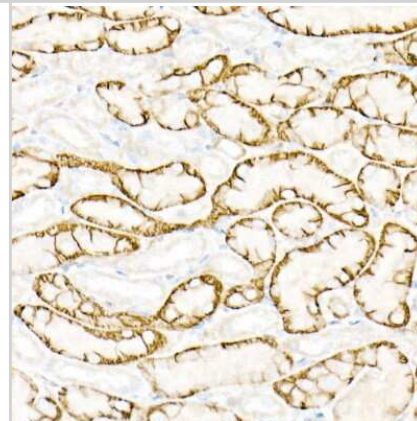
Western Blot: Aquaporin-4 Antibody [NBP2-92886] - Western blot analysis of extracts of SKOV3 cells, using Aquaporin-4 antibody (NBP2-92886) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunohistochemistry-Paraffin: Aquaporin-4 Antibody [NBP2-92886] - Immunohistochemistry of paraffin-embedded rat brain using Aquaporin-4 Rabbit pAb (NBP2-92886) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: Aquaporin-4 Antibody [NBP2-92886] - Immunohistochemistry of paraffin-embedded mouse kidney using Aquaporin-4 Rabbit pAb (NBP2-92886) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Publications

Mucha O, Myszk M, Podkalicka P et al. Proteome Profiling of the Dystrophic mdx Mice Diaphragm Biomolecules 2023-11-13 [PMID: 38002330] (WB, Mouse)

Abbaszadeh F, Jorjani M, Joghataei MT et al. Astaxanthin ameliorates spinal cord edema and astrocyte activation via suppression of HMGB1/TLR4/NF- κ B signaling pathway in a rat model of spinal cord injury Naunyn-Schmiedeberg's archives of pharmacology 2023-05-05 [PMID: 37145127] (WB, Rat)



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Products Related to NBP2-92886-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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