

Product Datasheet

Aquaporin-4 Antibody (5A4W4)

NBP3-35055-100ul

Unit Size: 100 ul

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

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NBP3-35055-100ul

Aquaporin-4 Antibody (5A4W4)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5A4W4
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	35 kDa

Product Description	
Description	Novus Biologicals Rabbit Aquaporin-4 Antibody (5A4W4) (NBP3-35055) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
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 (AQP4) (NP_001641.1). Sequence: VEFKRRFKEAFSKAAQQTGKSYMEVEDNRSQVETDDLILKPGVVHVIDVDRGE EKKGKDQSGEVLSSV

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL, Immunohistochemistry 1:200 - 1:800, Immunocytochemistry/Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:200 - 1:800

Images

Western Blot: Aquaporin-4 Antibody (5A4W4) [NBP3-35055] - Western blot analysis of various lysates, using Aquaporin-4 Rabbit mAb at 1:900 dilution.

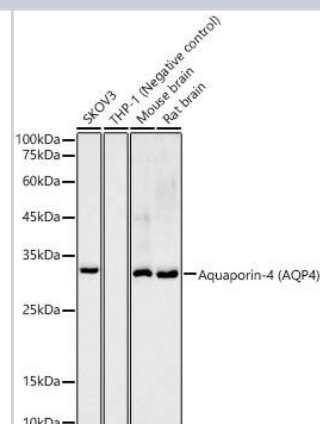
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

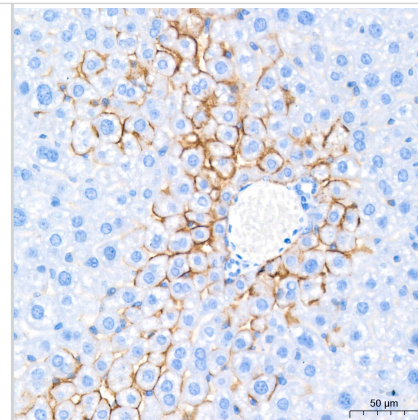
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

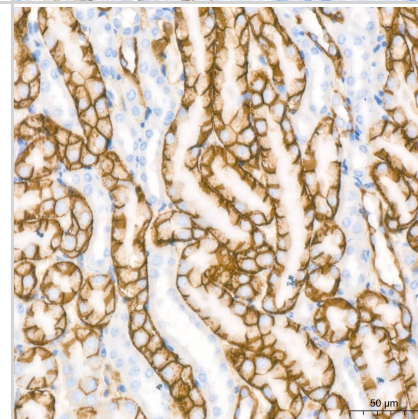
Exposure time: 180s.



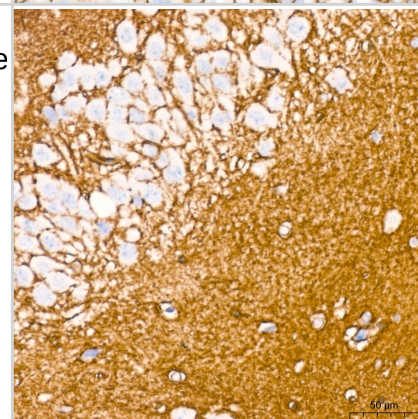
Immunohistochemistry: Aquaporin-4 Antibody (5A4W4) [NBP3-35055] - Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using Aquaporin-4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



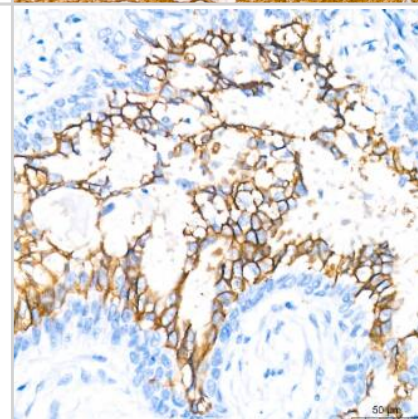
Immunohistochemistry: Aquaporin-4 Antibody (5A4W4) [NBP3-35055] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Aquaporin-4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: Aquaporin-4 Antibody (5A4W4) [NBP3-35055] - Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using Aquaporin-4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry-Paraffin: Aquaporin-4 Antibody (5A4W4) [NBP3-35055] - Human lung cancer tissue using Aquaporin-4 (AQP4) Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





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Products Related to NBP3-35055-100ul

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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