

Product Datasheet

Aquaporin 1/AQP1 Antibody (8V1O3) NBP3-16354-100ul

Unit Size: 100 ul

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

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NBP3-16354-100ul

Aquaporin 1/AQP1 Antibody (8V1O3)

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	8V1O3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	29 kDa

Product Description

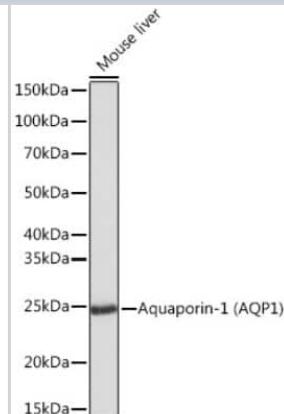
Host	Rabbit
Gene ID	358
Gene Symbol	AQP1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 170-269 of human Aquaporin-1 (Aquaporin 1/AQP1) (P29972). LAIGLSVALGHLLAIDYTGCGINPARSFGSAVITHNFSNHWIFWVGPFIGGALAVL IYDFILAPRSSDLTDRVKVWTSGQVEYDLDADDINSRVEMKPK

Product Application Details

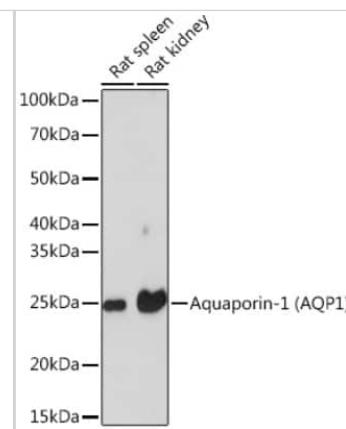
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:500 - 1:2000, Immunocytochemistry/Immunofluorescence 1:100 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:2000

Images

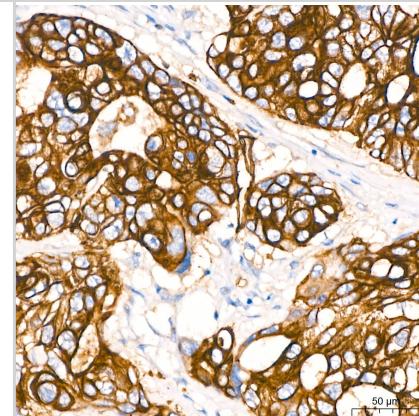
Western Blot: Aquaporin 1/AQP1 Antibody (8V1O3) [NBP3-16354] - Western blot analysis of extracts of Mouse liver, using Aquaporin-1 (Aquaporin 1/AQP1) Rabbit mAb (NBP3-16354) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



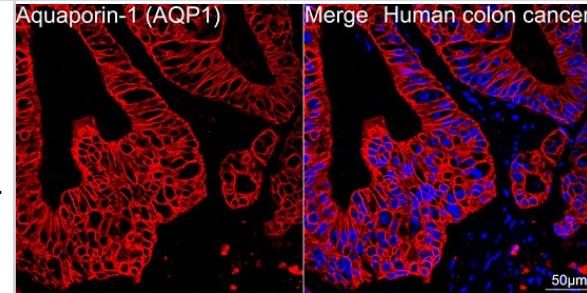
Western Blot: Aquaporin 1/AQP1 Antibody (8V1O3) [NBP3-16354] - Western blot analysis of extracts of various cell lines, using Aquaporin-1 (Aquaporin 1/AQP1) Rabbit mAb (NBP3-16354) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



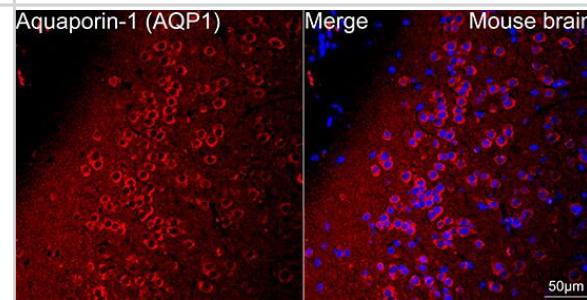
Immunohistochemistry: Aquaporin 1/AQP1 Antibody (8V1O3) [NBP3-16354] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Aquaporin-1 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Aquaporin 1/AQP1 Antibody (8V1O3) [NBP3-16354] - Confocal imaging of paraffin-embedded Human colon cancer tissue using Aquaporin-1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunocytochemistry/ Immunofluorescence: Aquaporin 1/AQP1 Antibody (8V1O3) [NBP3-16354] - Confocal imaging of paraffin-embedded Mouse brain tissue using Aquaporin-1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.





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Products Related to NBP3-16354-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-84488PEP	Aquaporin 1/AQP1 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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