

Product Datasheet

Aquaporin 1/AQP1 Antibody - BSA Free NBP3-35493-100ul

Unit Size: 100 ul

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

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NBP3-35493-100ul

Aquaporin 1/AQP1 Antibody - BSA Free

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	Polyclonal
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	29 kDa

Product Description

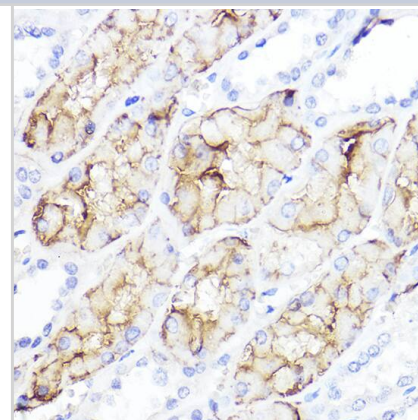
Host	Rabbit
Gene ID	358
Gene Symbol	AQP1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-269 of human Aquaporin 1/AQP1 (AQP1) (NP_932766.1). Sequence: AVITHNFSNHWIFWVGPFIGGALAVLIYDFILAPRSSDLTDRVKVWTSGQVEEYD LDADDINSRVEMKPK

Product Application Details

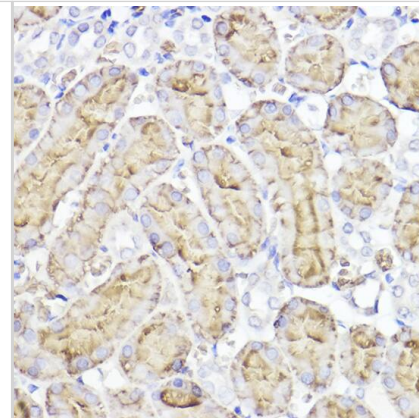
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100 - 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

Images

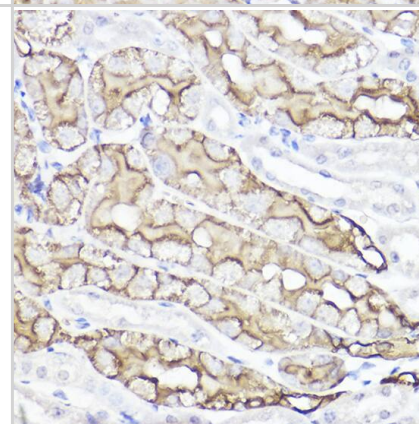
Immunohistochemistry: Aquaporin 1/AQP1 Antibody [NBP3-35493] - Immunohistochemistry analysis of paraffin-embedded Human kidney using Aquaporin 1/AQP1 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



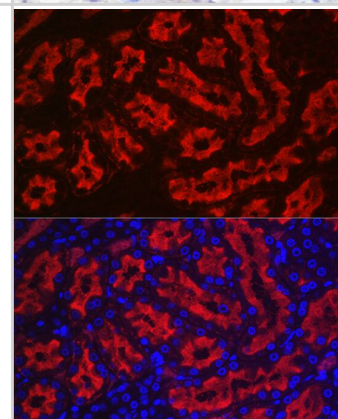
Immunohistochemistry: Aquaporin 1/AQP1 Antibody [NBP3-35493] - Immunohistochemistry analysis of paraffin-embedded Rat kidney using Aquaporin 1/AQP1Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: Aquaporin 1/AQP1 Antibody [NBP3-35493] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Aquaporin 1/AQP1Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Aquaporin 1/AQP1 Antibody [NBP3-35493] - Immunofluorescence analysis of paraffin-embedded rat kidney using Aquaporin 1/AQP1Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western Blot: Aquaporin 1/AQP1 Antibody [NBP3-35493] - Western blot analysis of various lysates using Aquaporin 1/AQP1Rabbit pAb at 1:500 dilution.

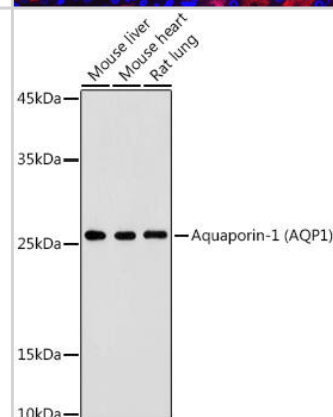
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

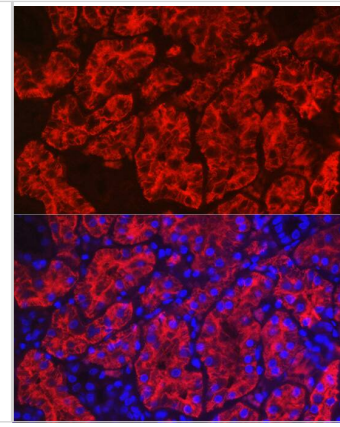
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 180s.



Immunocytochemistry/ Immunofluorescence: Aquaporin 1/AQP1 Antibody [NBP3-35493] - Immunofluorescence analysis of paraffin-embedded human kidney using Aquaporin 1/AQP1 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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Products Related to NBP3-35493-100ul

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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