

Product Datasheet

Aquaporin-4 Antibody - BSA Free NBP1-97928

Unit Size: 0.1 ml

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

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NBP1-97928

Aquaporin-4 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 50% Glycerol

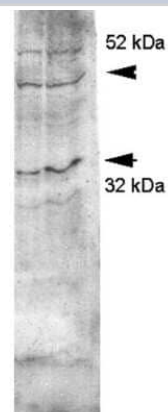
Product Description	
Host	Rabbit
Gene ID	361
Gene Symbol	AQP4
Species	Human, Mouse, Rat
Marker	Astrocytes Marker
Specificity/Sensitivity	Detects approx 35kDa. May detect larger glycosylated bands approx 50kDa.
Immunogen	Produced against the C-terminal peptide (Sequence N-CTKGSYMEVEDNRSQVETED) of rat aquaporin 4

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:200, Immunocytochemistry/ Immunofluorescence 1:400
Application Notes	0.5 ug/ml of Aquaporin 4 Antibody was sufficient for detection of aquaporin 4 in 10 ug of rat kidney tissue lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary Antibody.

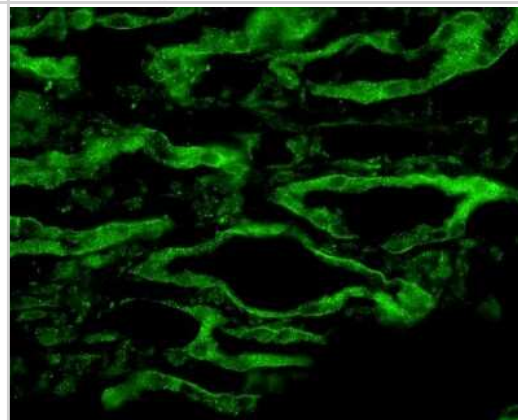


Images

Western Blot: Aquaporin-4 Antibody [NBP1-97928] - Western blot analysis of Rat kidney inner medullary homogenates showing detection of Aquaporin-4 protein using Rabbit Anti-Aquaporin-4 Polyclonal Antibody (NBP1-97928). Primary Antibody: Rabbit Anti-Aquaporin-4 Polyclonal Antibody (NBP1-97928) at 1:2000.



Immunohistochemistry: Aquaporin-4 Antibody [NBP1-97928] - Immunohistochemistry analysis using Rabbit Anti-Aquaporin-4 Polyclonal Antibody (NBP1-97928). Tissue: kidney tissue. Species: Rat. Fixation: 4% paraformaldehyde-lysine-periodate. Primary Antibody: Rabbit Anti-Aquaporin-4 Polyclonal Antibody (NBP1-97928) at 1:200 for 75 min at RT. Secondary Antibody: FITC Goat Anti-Rabbit (green) for 1 hour at RT. 4 m cryostat sections.





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Products Related to NBP1-97928

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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