

Product Datasheet

Aquaporin 1/AQP1 Antibody

NBP1-97925

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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NBP1-97925**Aquaporin 1/AQP1 Antibody**

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 and 50% Glycerol

Product Description	
Host	Rabbit
Gene ID	358
Gene Symbol	AQP1
Species	Human, Mouse, Rat
Reactivity Notes	Based on homology, It's predicted to detect Human and Mouse.
Specificity/Sensitivity	Detects approx 28.5kDa. May detect larger glycosylated bands approx 35-50kDa.
Immunogen	Produced against the N-terminal peptide (sequence N-MASEFKKKLF) of rat Aquaporin 1

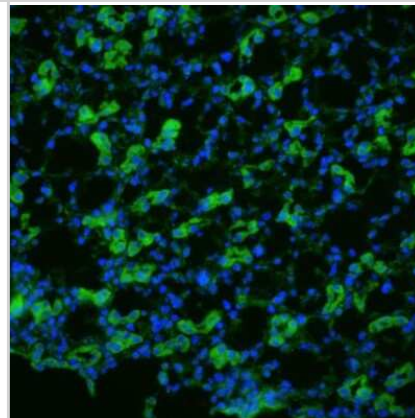
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:4000, Immunohistochemistry 1:200, Immunocytochemistry/Immunofluorescence 1:200-1:400
Application Notes	0.5 ug/ml of Aquaporin 1 Antibody was sufficient for detection of aquaporin 1 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 1/AQP1 Antibody [NBP1-97925] - Western blot analysis of Rat kidney inner medullary homogenates showing detection of Aquaporin 1/AQP1 protein using Rabbit Anti-Aquaporin 1/AQP1 Polyclonal Antibody (NBP1-97925). Primary Antibody: Rabbit Anti-Aquaporin 1/AQP1 Polyclonal Antibody (NBP1-97925) at 1:2000. Showing glycosylated and non-glycosylated bands.



Immunohistochemistry: Aquaporin 1/AQP1 Antibody [NBP1-97925] - Immunohistochemistry analysis using Rabbit Anti-Aquaporin 1/AQP1 Polyclonal Antibody (NBP1-97925). Tissue: kidney tissue. Species: Rat. Fixation: 4% paraformaldehyde-lysine-periodate. Primary Antibody: Rabbit Anti-Aquaporin 1/AQP1 Polyclonal Antibody (NBP1-97925) 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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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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