

Product Datasheet

Aquaporin-8 Antibody (1A1) - Azide and BSA Free H00000343-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00000343-M01

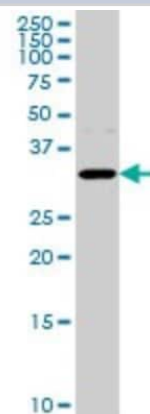
Aquaporin-8 Antibody (1A1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A1
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	343
Gene Symbol	AQP8
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reported in scientific literature (PMID: 23772384).
Specificity/Sensitivity	AQP8 - aquaporin 8
Immunogen	AQP8 (AAH40630, 1 a.a. ~ 255 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MCEPEFGNDKAREPSVGGRWRVSWYERFVQPCLVELLGSALFIFIGCLSVIEN GTDTGLLQPALAHGLALGLVIATLGNISGGHFNPAVSLAAMLIGGLNLVMLLPY WVSQLLGGMLGAALAKAVSPEERFWNASGAAFVTVQEQGQVAGALVAEIIILT LLALAVCMGAINEKTKGPLAPFSIGFAVTVDILAGGPVSGGCMNPARAFGPAAV ANHWNFHWIYWLGPLLAGLLVGLLIRCFIGDGKTRLILKAR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry
Application Notes	Antibody reactivity against cell lysate for WB. It has been used for ELISA. IHC reported in scientific literature (PMID: 23772384).

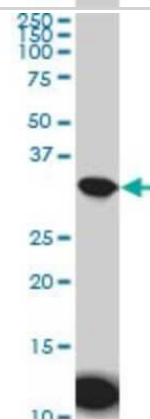


Images

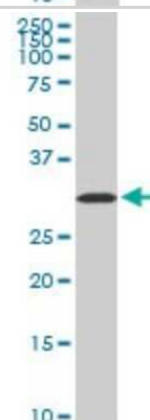
Western Blot: Aquaporin-8 Antibody (1A1) [H00000343-M01] - AQP8 monoclonal antibody (M01), clone 1A1 Analysis of AQP8 expression in Hela S3 NE.



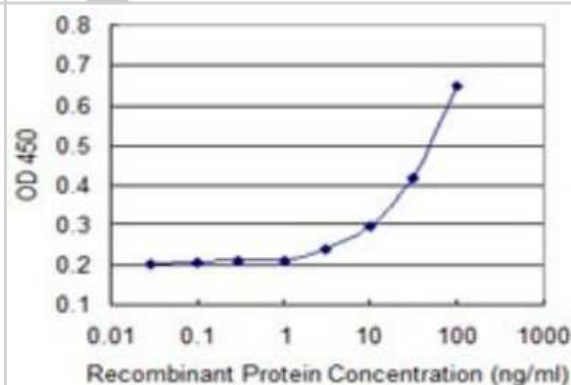
Western Blot: Aquaporin-8 Antibody (1A1) [H00000343-M01] - AQP8 monoclonal antibody (M01), clone 1A1. Analysis of AQP8 expression in HeLa.



Western Blot: Aquaporin-8 Antibody (1A1) [H00000343-M01] - AQP8 monoclonal antibody (M01), clone 1A1. Analysis of AQP8 expression in PC-12.



ELISA: Aquaporin-8 Antibody (1A1) [H00000343-M01] - Detection limit for recombinant GST tagged AQP8 is approximately 1ng/ml as a capture antibody.



Publications

Nashida T, Yoshie S, Haga-Tsujimura M et al. Atrophy of myoepithelial cells in parotid glands of diabetic mice; detection using skeletal muscle actin, a novel marker. FEBS Open Bio 3. 2013-01-01 [PMID: 23772384]



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Products Related to H00000343-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00000343-P01-10ug	Recombinant Human Aquaporin-8 GST (N-Term) Protein

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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