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AQP8 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant AQP8.
Catalog # AT1173a

Product Information

Application	WB, E
Primary Accession	O94778
Other Accession	BC040630
Reactivity	Human, Rat
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1A1
Calculated MW	27381

Additional Information

Gene ID	343
Other Names	Aquaporin-8, AQP-8, AQP8
Target/Specificity	AQP8 (AAH40630, 1 a.a. ~ 255 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	AQP8 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

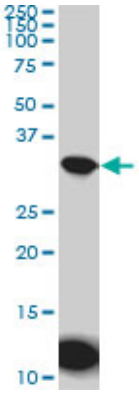
Background

Aquaporin 8 (AQP8) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 8 mRNA is found in pancreas and colon but not other tissues.

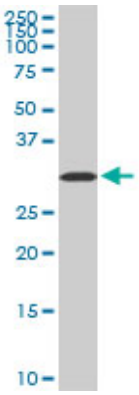
References

1.Atrophy of myoepithelial cells in parotid glands of diabetic mice; detection using skeletal muscle actin, a novel marker.Nashida T, Yoshie S, Haga-Tsujimura M, Imai A, Shimomura H.FEBS Open Bio 3 (2013) 130?V134

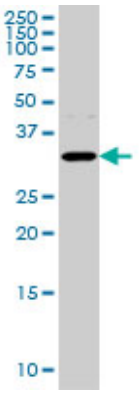
Images



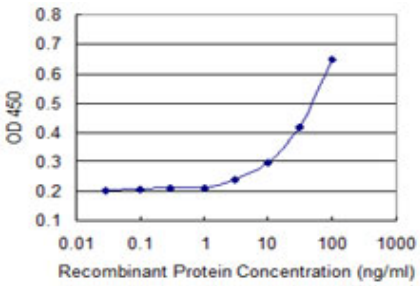
AQP8 monoclonal antibody (M01), clone 1A1. Western Blot analysis of AQP8 expression in HeLa (Cat # L013V1).



AQP8 monoclonal antibody (M01), clone 1A1. Western Blot analysis of AQP8 expression in PC-12((Cat # AT1173a)



AQP8 monoclonal antibody (M01), clone 1A1 Western Blot analysis of AQP8 expression in Hela S3 NE ((Cat # AT1173a)



Detection limit for recombinant GST tagged AQP8 is approximately 1ng/ml as a capture antibody.