

Aquaporin 12A Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50989

Product Information

Application	WB
Primary Accession	Q8IXF9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31475

Additional Information

Gene ID	375318
Other Names	Aquaporin-12A, AQP-12, AQP12A, AQP12, AQPX2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Aquaporin 12A. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	AQP12A (HGNC:19941)
Function	Putative aquaporin. Could form homotetrameric transmembrane channels, with each monomer independently mediating water transport across the plasma membrane along its osmotic gradient.
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Restricted to the pancreas. {ECO:0000269 Ref.2}.

Background

Aquaporins facilitate the transport of water and small neutral solutes across cell membranes (By similarity).

References

Itoh T.,et al.Biochem. Biophys. Res. Commun. 330:832-838(2005).
Ishibashi K.,et al.(In) Hohmann S., Nielsen S. (eds.);

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