

Aquaporin 12A Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50989

Specification

Aquaporin 12A Antibody - Product Information

Application	WB, E
Primary Accession	Q8IXF9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31 KDa

Aquaporin 12A Antibody - Additional Information

Gene ID 375318

Other Names

Aquaporin-12A, AQP-12, AQP12A, AQP12, AQPX2

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

Aquaporin 12A Antibody - 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}.

Aquaporin 12A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Aquaporin 12A Antibody - Images

Aquaporin 12A Antibody - Background

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

Aquaporin 12A Antibody - References

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