

AQP12B Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11823b**Specification**

AQP12B Antibody (C-term) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	A6NM10
Other Accession	Q8IXF9 , NP_001095937.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31475
Antigen Region	236-264

AQP12B Antibody (C-term) - Additional Information**Gene ID** 653437**Other Names**

Aquaporin-12B, AQP-12B, AQP12B

Target/Specificity

This AQP12B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-264 amino acids from the C-terminal region of human AQP12B.

Dilution

FC~~1:10~50

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AQP12B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

AQP12B Antibody (C-term) - Protein Information**Name** AQP12B ([HGNC:6096](#))

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

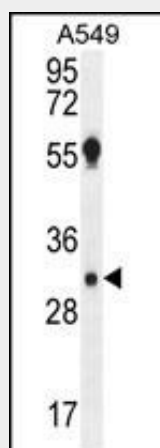
Membrane; Multi-pass membrane protein

AQP12B Antibody (C-term) - Protocols

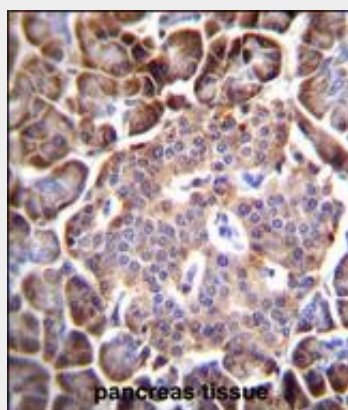
Provided below are standard protocols that you may find useful for product applications.

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

AQP12B Antibody (C-term) - Images

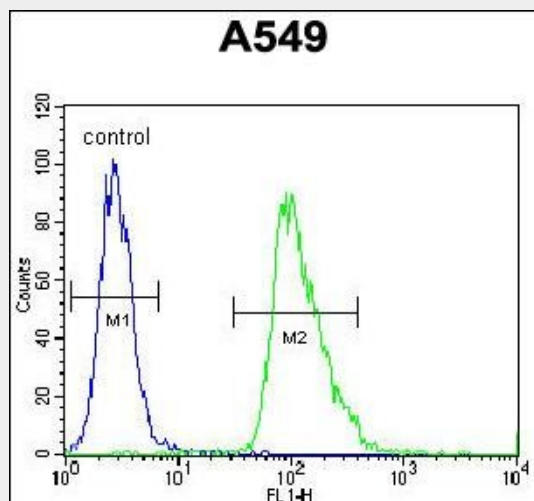


AQP12B Antibody (C-term) (Cat. #AP11823b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the AQP12B antibody detected the AQP12B protein (arrow).



AQP12B Antibody (C-term) (Cat. #AP11823b) immunohistochemistry analysis in formalin fixed and

paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of AQP12B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



AQP12B Antibody (C-term) (Cat. #AP11823b) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

AQP12B Antibody (C-term) - Background

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

AQP12B Antibody (C-term) - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)