

Datasheet for ABIN655768

anti-Aquaporin 12B antibody (C-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Aquaporin 12B (AQP12B)
Binding Specificity:	AA 236-264, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 12B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB29754
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Aquaporin 12B (AQP12B)
Alternative Name:	AQP12B (AQP12B Products)

Target Details

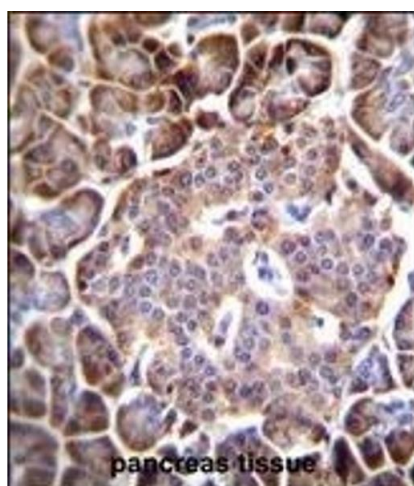
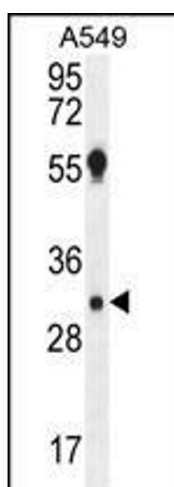
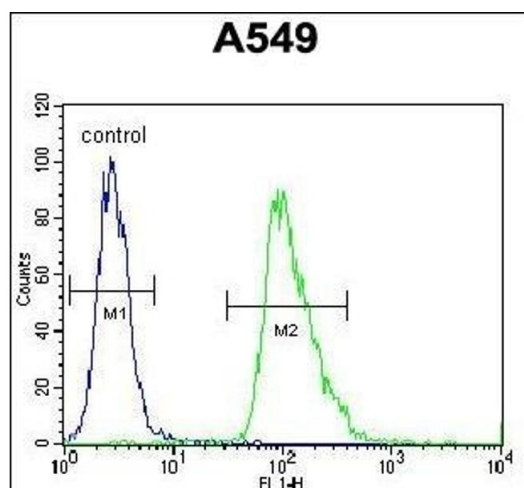
Background:	Aquaporins facilitate the transport of water and small neutral solutes across cell membranes (By similarity).
Molecular Weight:	31475
Gene ID:	653437
NCBI Accession:	NP_001095937
UniProt:	A6NM10

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. AQP12B Antibody (C-term) (ABIN655768 and ABIN2845208) 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.

Western Blotting

Image 2. AQP12B Antibody (C-term) (ABIN655768 and ABIN2845208) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the AQP12B antibody detected the AQP12B protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. AQP12B Antibody (C-term) (ABIN655768 and ABIN2845208) 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.