

Datasheet for ABIN950476

anti-Aquaporin 12B antibody (C-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Aquaporin 12B (AQP12B)
Binding Specificity:	AA 243-272, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 12B antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 243-272 amino acids from the C-terminal region of human AQP12B
Isotype:	Ig Fraction
Specificity:	This antibody reacts to AQP12B.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

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.Synonyms: Aquaporin-12B
Gene ID:	653437
NCBI Accession:	NP_001095937

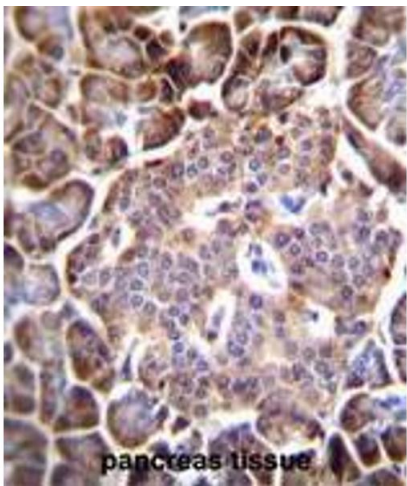
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. AQP12B Antibody (C-term) 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.



Western Blotting

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