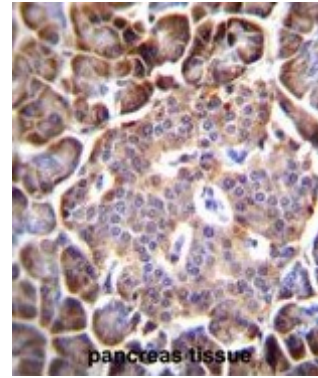


AP50220PU-N**Polyclonal Antibody to AQP12B (C-term) - Aff - Purified**

Alternate names:	Aquaporin-12B
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Aquaporins facilitate the transport of water and small neutral solutes across cell membranes.
Uniprot ID:	A6NM10
NCBI:	NP_001095937
GeneID:	653437
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 243-272 amino acids from the C-terminal region of human AQP12B
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% (W/V) sodium azide as preservative
Applications:	ELISA: 1/1000. Western blotting: 1/100 - 1/500. Immunohistochemistry on paraffin sections: Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to AQP12B.
Species Reactivity:	Tested: Human.
Add. Information:	Molecular Weight: 31475 Da
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)

Pictures:

AQP12B Antibody (C-term) (Cat. #AP50220PU-N) 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. #AP50220PU-N) western blot analysis in A549 cell line lysates (35µg/lane). This demonstrates the AQP12B antibody detected the AQP12B protein (arrow).

