

Rabbit anti-Human AQP12 Polyclonal Antibody | anti-AQP12 antibody

AQP12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324466	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

AQP12; Polyclonal Antibody; AQP12 Antibody; AQ12A_HUMAN; AQP 12; AQP 12A; AQP-12; AQP12A; AQPX2; Aquaporin 12; Aquaporin 12A; Aquaporin X2; Aquaporin-12A; AQ12B_HUMAN; AQP-12B; AQP12B; Aquaporin-12B; INSSA3; MGC149473; anti-AQP12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	AQP12 antibody detects endogenous levels of total AQP12
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	295
Applicable Applications for anti-AQP12 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Restricted to the pancreas.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using AQP12 antibody.



IF (Immunofluorescence)

AAA324466 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AQP12 antibody	Function: Aquaporins facilitate the transport of water and small neutral solutes across cell membranes. Similarity: Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA). Belongs to the MIP/aquaporin (TC 1.A.8) family. AQP11/AQP12 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40538880
NCBI GeneID	375318
NCBI Accession #	NP_945349.1
NCBI GenBank Nucleotide #	NM_198998.2
UniProt Accession #	Q8IXF9; A6NM10
Molecular Weight	Observed: 34 kD Predicted: 32 kDa
NCBI Official Full Name	aquaporin-12A
NCBI Official Synonym Full Names	aquaporin 12A
NCBI Official Symbol	AQP12A
NCBI Official Synonym Symbols	AQP12; AQPX2; AQP-12
NCBI Protein Information	aquaporin-12A
UniProt Protein Name	Aquaporin-12A
UniProt Gene Name	AQP12A
UniProt Synonym Gene Names	AQP12; AQPX2; AQP-12

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aqp12-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324466>