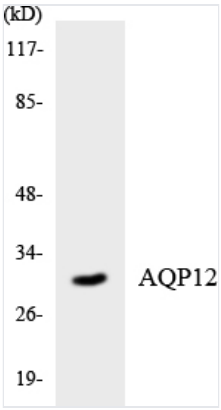
AQP12 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AQP12, Polyclonal Antibody
Full Product Name	AQP12 Antibody
Product Gene Name	anti-AQP12 antibody
Product Synonym Gene Name	AQP12A; AQP12B
Product Synonym Names	Aquaporin-12A; AQP-12
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	AQP12 Antibody detects endogenous levels of AQP12.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	31 kDa
OMIM	AB040748 mRNA
3D Structure	ModBase 3D Structure for Q8IXF9
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human AQP12.
Immunogen Range	216-265
Applications Tested/Suitable for anti-AQP12 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-AQP12 antibody	WB: 1:500~1:1000 ELISA: 1:10000
Related Product Information for anti-AQP12 antibody	MBS9509190 is an antibody targeting AQP12. Also known as AQP12 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-AQP12 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-AQP12 antibody
Western blot analysis of the lysates from HUVECcells using AQP12 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AQP12. It may not necessarily be applicable to this product.

NCBI GI #	40538880
NCBI GeneID	375318
NCBI Accession #	NP_945349.1
UniProt Primary Accession #	Q8IXF9
UniProt Secondary Accession #	A6NM10
UniProt Related Accession #	Q8IXF9
GenBank Nucleotide #	NM_198998.2
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
UniProt Protein Name	Aquaporin-12A
Protein Family	Aquaporin
UniProt Gene Name	AQP12A
UniProt Synonym Gene Names	AQP12; AQPX2; AQP-12
NCBI Protein Information	aquaporin-12A
UniProt Comments for AQP12	Aquaporins facilitate the transport of water and small neutral solutes across cell membranes.
Research Articles on AQP12	**1.** Built accurate 3D-models for AQP11 and AQP12 and comprehensively compared their sequence and structure to other known aquaporins.
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