AQP11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AQP11, Polyclonal Antibody
Full Product Name	AQP11 (C-Term) Rabbit pAb
Product Gene Name	anti-AQP11 antibody
Product Synonym Names	Aquaporin-11; AQP-11; AQP11; AQPX1
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB27372
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
OMIM	AB028147 mRNA
3D Structure	ModBase 3D Structure for Q8NBQ7
Immunogen	This AQP11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-271 amino acids from the C-terminal region of human AQP11.
Cellular Localization	Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-AQP11 antibody	Western Blot (WB), Flow Cytometry (FC/FACS)
Application Notes for anti-AQP11 antibody	WB: 1:2000 FC/FACS: 1:10-50
Related Product Information for anti-AQP11 antibody	MBS8554536 is an antibody targeting AQP11. Also known as AQP11 (C-Term) Rabbit pAb. Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-AQP11 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AQP11. It may not necessarily be applicable to this product.

NCBI GI #	27370565
NCBI GeneID	282679
NCBI Accession #	NP_766627.1
UniProt Primary Accession #	Q8NBQ7
UniProt Related Accession #	Q8NBQ7

GenBank Nucleotide #	NP_766627.1
NCBI Official Full Name	aquaporin-11 isoform 1
NCBI Official Synonym Full Names	aquaporin 11
NCBI Official Symbol	AQP11
NCBI Official Synonym Symbols	AQPX1
UniProt Protein Name	Aquaporin-11
Protein Family	Aquaporin
UniProt Gene Name	AQP11
UniProt Synonym Gene Names	AQPX1; AQP-11
NCBI Protein Information	aquaporin-11
UniProt Comments for AQP11	AQP11: Aquaporins facilitate the transport of water and small neutral solutes across cell membranes. Belongs to the MIP/aquaporin (TC 1.A.8) family. AQP11/AQP12 subfamily. Protein type: Endoplasmic reticulum; Membrane protein, integral; Membrane protein, multi-pass; Transporter; Transporter, aquaporin family Chromosomal Location of Human Ortholog: 11q14.1 Cellular Component: cell surface; plasma membrane Molecular Function: water channel activity Biological Process: glycerol transport; ion transport; urea transport; water transport
Research Articles on AQP11	**1.** These results indicated that hepatitis C virus (HCV) infection induced a miR-27b-mediated reduction in AQP11 expression, leading to a modest reduction in HCV genome levels in the cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-mouse-antibody/aqp11/8554536