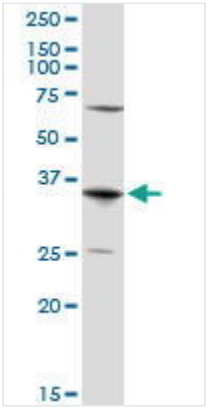
AQP7 Antibody – Rabbit Polyclonal

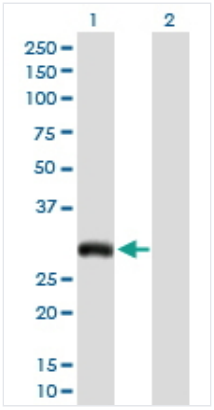
PRODUCT OVERVIEW

Product Name	AQP7, Polyclonal Antibody
Full Product Name	AQP7 (Aquaporin 7, Aquaporin-7, AQP-7, Aquaglyceroporin-7, Aquaporin Adipose, AQPap, Aquaporin-7-like, AQP7L, AQP9) (Biotin)
Product Gene Name	anti-AQP7 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human AQP7.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Molecular Weight	37,232 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (33384948..33402517, complement). Location: 9p13
OMIM	gene 614411
3D Structure	ModBase 3D Structure for O14520
Immunogen	Full length human AQP7, aa1-342 (NP_001161.1).
Immunogen Sequence	MVQASGHRRSTRGSKMVSWSVIAKIQEILQRKMVREFLAEFMSTYVMMVFGLGSVAHMVLNKKYGSYLGVNLGFGFGVTMGVHVAGRISGAHMNAAVT
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-AQP7 antibody	Antibodies; Aquaporin
Applications Tested/Suitable for anti-AQP7 antibody	Western Blot (WB)
Application Notes for anti-AQP7 antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-AQP7 antibody	MBS6370201 is an antibody targeting AQP7. Also known as AQP7 (Aquaporin 7, Aquaporin-7, AQP-7, Aquaglyceroporin-7, Aquaporin Adipose, AQPa
Other Notes	Small volumes of anti-AQP7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess



Western Blot (WB) of anti-AQP7 antibody
AQP7 rabbit polyclonal antibody. Western Blot analysis of AQP7 expression in Jurkat.



Western Blot (WB) of anti-AQP7 antibody
Western Blot analysis of AQP7 expression in transfected 293T cell line by AQP7 polyclonal antibody. Lane 1: AQP7 transfected lysate (37.2kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AQP7. It may not necessarily be applicable to this product.

NCBI GI #	4502187
NCBI GeneID	364
NCBI Accession #	NP_001161.1
UniProt Primary Accession #	O14520
UniProt Secondary Accession #	Q5T5L9; Q8NHM3
UniProt Related Accession #	O14520
GenBank Nucleotide #	NM_001170
NCBI Official Full Name	aquaporin-7
NCBI Official Synonym Full Names	aquaporin 7
NCBI Official Symbol	AQP7
NCBI Official Synonym Symbols	AQP9; AQP7L; AQPap; GLYCQTL
UniProt Protein Name	Aquaporin-7
UniProt Synonym Protein Names	Aquaglyceroporin-7; Aquaporin adipose; AQPap; Aquaporin-7-like
Protein Family	Aquaporin
UniProt Gene Name	AQP7
UniProt Synonym Gene Names	AQP7L; AQP9; AQP-7; AQPap
UniProt Entry Name	AQP7_HUMAN
NCBI Protein Information	aquaporin-7; AQP-7; aquaporin adipose; aquaglyceroporin-7

UniProt Comments for AQP7	AQP7: Forms a channel for water and glycerol. Belongs to the MIP/aquaporin (TC 1.A.8) family. Protein type: Membrane protein, multi-pass; Membrane protein, integral; Transporter; Transporter, aquaporin family Chromosomal Location of Human Ortholog: 9p13 Cellular Component: integral to plasma membrane; cytoplasm; plasma membrane; intercellular junction Molecular Function: urea transmembrane transporter activity; water channel activity; glycerol channel activity Biological Process: glycerol transport; generation of precursor metabolites and energy; cellular water homeostasis; water transport; excretion; transmembrane transport Disease: Glycerol Quantitative Trait Locus
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-human-antibody/aqp7/6370201