AQP5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AQP5, Polyclonal Antibody
Full Product Name	Rabbit Anti AQP5 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(IHC, Immunofluorescence)
Product Gene Name	anti-AQP5 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	It is a polyclonal antibody in a liquid format, buffered in PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	28,292 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (50355279..50359461). Location: 12q13
3D Structure	ModBase 3D Structure for P55064
Immunogen	A synthetic peptide of human AQP5 (NP_001642.1).
Applications Tested/Suitable for anti-AQP5 antibody	Immunohistochemistry (IHC), Immunofluorescence (IF)
Related Product Information for anti-AQP5 antibody	Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13. This product can be used in analytical tools such as IHC, Immunofluorescence.
Other Notes	Small volumes of anti-AQP5 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.
Searchable Terms for AQP5 purchase	MBS8422514 is an antibody targeting AQP5. Also known as Rabbit Anti AQP5 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(IHC, Immunofluorescence). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AQP5. It may not necessarily be applicable to this product.

NCBI GI #	4502183
NCBI GeneID	362
NCBI Accession #	NP_001642.1
UniProt Primary Accession #	P55064
UniProt Secondary Accession #	Q6FGW8
UniProt Related Accession #	P55064
GenBank Nucleotide #	NM_001651.3

NCBI Official Full Name	aquaporin-5
NCBI Official Synonym Full Names	aquaporin 5
NCBI Official Symbol	AQP5
NCBI Official Synonym Symbols	AQP-5
Protein Family	Aquaporin
NCBI Protein Information	aquaporin-5
NCBI Summary for AQP5	Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13. [provided by RefSeq, Jul 2008]
Research Articles on AQP5	**1.** Overexpression of AQP5 is associated with lymphatic Metastasis in gastric carcinoma.
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