

Aquaporin 3 Polyclonal Antibody | anti-AQP3 antibody

Anti-Aquaporin 3 Antibody

CATALOG # AAA260141	REACTIVITY Human, Mouse, Rat, Bovine, Monkey, Porcine, Sheep, Zebrafish	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Aquaporin 3; Polyclonal Antibody; Anti-Aquaporin 3 Antibody; Aquaporin-3; AQP-3; Aquaglyceroporin-3; anti-AQP3 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat, Bovine, Monkey, Porcine, Sheep, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Aquaporin 3 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	292
Applicable Applications for anti-AQP3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Source	Rabbit
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Aquaporin 3. The exact sequence is proprietary.
Preparation and Storage	Ships on blue ice. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Aquaporin 3 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Aquaporin 3 expression in LOVO (A), A431 (B), NIH3T3 (C), rat kidney (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-AQP3 antibody	Rabbit polyclonal antibody to Aquaporin 3
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826645
NCBI GeneID	360

NCBI Accession #	NP_004916.1
NCBI GenBank Nucleotide #	NM_004925.4
UniProt Accession #	Q92482; O00108; Q6FGT2; Q6FGW6; A8K843; B2RE16; D3DRL3
NCBI Official Full Name	aquaporin-3
NCBI Official Synonym Full Names	aquaporin 3 (Gill blood group)
NCBI Official Symbol	AQP3
NCBI Official Synonym Symbols	GIL; AQP-3
NCBI Protein Information	aquaporin-3
UniProt Protein Name	Aquaporin-3
UniProt Gene Name	AQP3
UniProt Synonym Gene Names	AQP-3
UniProt Entry Name	AQP3_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aquaporin-3-antibody-immunohistochemistry-western-blot-elisa/260141>