

Rabbit AQP3 Polyclonal Antibody | anti-AQP3 antibody

AQP3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173196	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

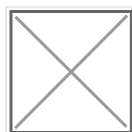
PRODUCT SYNONYMS

AQP3; Polyclonal Antibody; AQP3 Polyclonal Antibody; GIL; AQP-3; anti-AQP3 antibody

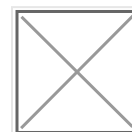
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	2mg/ml (varies by lot)
Sequence Length	237
Applicable Applications for anti-AQP3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human AQP3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9885 / sc-20811
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of A549 cells using AQP3 Polyclonal Antibody at dilution of 1/200


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer using AQP3 Polyclonal Antibody at dilution of 1/30

ADDITIONAL INFORMATION

Related Product Information for anti-AQP3 antibody

This gene encodes the water channel protein aquaporin 3. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein, also known as aquaporin 0. Aquaporin 3 is localized at the basal lateral membranes of collecting duct cells in the kidney. In addition to its water channel function, aquaporin 3 has been found to facilitate the transport of nonionic small solutes such as urea and glycerol, but to a smaller degree. It has been suggested that water channels can be functionally heterogeneous and possess water and solute permeation mechanisms.

NCBI AND UNIPROT INFORMATION

NCBI GI #	970259826
NCBI GeneID	360
NCBI GenBank Nucleotide #	NM_001318144.1
Molecular Weight	32 kDa
NCBI Official Full Name	aquaporin-3 isoform 2
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/aqp3-antibody-immunohistochemistry-western-blot-elisa/173196>