

Rabbit AQP1 Polyclonal Antibody | anti-AQP1 antibody

AQP1 Polyclonal Antibody

CATALOG # AAA174524	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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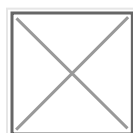
PRODUCT SYNONYMS

AQP1; Polyclonal Antibody; AQP1 Polyclonal Antibody; AQP 1; AQP CHIP; AQP-1; aquaporin 1 (channel-forming integral protein; 28kDa; CO blood group); aquaporin 1 (Colton blood group); Aquaporin CHIP; Aquaporin-1; Aquaporin-CHIP; Aquaporin1; Channel forming integral protein 28kDa; Channel like integral membrane protein 28 kDa; CHIP 28; CHIP28; CO; Colton blood group; Growth factor induced delayed early response protein; MGC26324; Urine water channel; Water channel protein CHIP 29; Water channel protein CHIP29; Water channel protein for red blood cells and kidney proximal tubule; anti-AQP1 antibody

PRODUCT SPECIFICATIONS

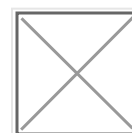
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1.2 mg/mL (varies by lot)
Sequence Length	186
Applicable Applications for anti-AQP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH conjugated synthetic peptide corresponding to human Aquaporin 1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



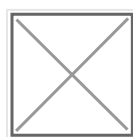
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney using AQP1 Polyclonal Antibody at dilution of 1:400.



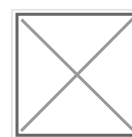
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain using AQP1 Polyclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer using AQP1 Polyclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver using AQP1 Polyclonal Antibody at dilution of 1:400.



WB (Western Blot)

Western Blot analysis of various samples using AQP1 Polyclonal Antibody at dilution of 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-AQP1 antibody	Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). This gene encodes an aquaporin which functions as a molecular water channel protein. It is a homotetramer with 6 bilayer spanning domains and N-glycosylation sites. The protein physically resembles channel proteins and is abundant in erythrocytes and renal tubes. The gene encoding this aquaporin is a possible candidate for disorders involving imbalance in ocular fluid movement. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-AQP1 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	37694062
NCBI GeneID	358
NCBI Accession #	NP_932766.1
NCBI GenBank Nucleotide #	NM_198098.3
UniProt Accession #	P29972; Q8TBI5; Q8TDC1; B5BU39; E7EM69; E9PC21; F5GY19
Molecular Weight	Calculated: 28kDa Observed: 28/35-45kDa
NCBI Official Full Name	aquaporin-1 isoform 1
NCBI Official Synonym Full Names	aquaporin 1 (Colton blood group)
NCBI Official Symbol	AQP1
NCBI Official Synonym Symbols	CO; CHIP28; AQP-CHIP
NCBI Protein Information	aquaporin-1
UniProt Protein Name	Aquaporin-1
UniProt Gene Name	AQP1
UniProt Synonym Gene Names	CHIP28; AQP-1

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/aqp1-antibody-immunohistochemistry-western-blot-elisa/174524>