

Rabbit AQP2/Aquaporin 2 Polyclonal Antibody | anti-AQP2 antibody

AQP2/Aquaporin 2 Rabbit anti-Human Polyclonal (C-Terminus) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162679	Rabbit	Mouse, Dog, Sheep, Bovine, Rat, Pig, Human	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

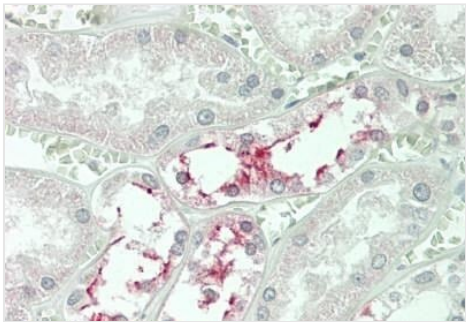
PRODUCT SYNONYMS

AQP2/Aquaporin 2; Polyclonal Antibody; AQP2/Aquaporin 2 Rabbit anti-Human Polyclonal (C-Terminus) Antibody; IHC-plus AQP2/Aquaporin 2 Antibody (C-Terminus); AQP2; AQP-CD; ADH water channel; Aquaporin 2 (collecting duct); AQP-2; Aquaporin 2; Aquaporin-CD; Aquaporin-2; Water-channel aquaporin 2; WCH-CD; anti-AQP2 antibody

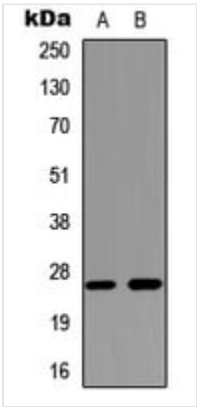
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Dog, Sheep, Bovine, Rat, Pig, Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Aquaporin 2 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH7.3, 0.01% Sodium Azide, 30% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AQP2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Target	Human AQP2/Aquaporin 2
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-Terminus of human Aquaporin 2.
Conjugation	Unconjugated
Epitope	C-Terminus
Family	Transporter
Subfamily	Aquaporin
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

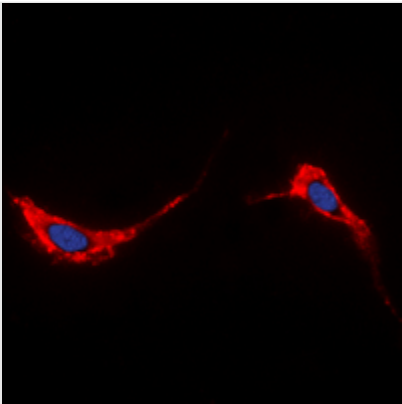
IMAGES



IHC (Immunohistochemisry)
AQP2/Aquaporin 2 Antibody-Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
AQP2/Aquaporin 2 Antibody-Western blot analysis of Aquaporin 2 expression in human kidney (A); mouse heart (B) whole cell lysates.



ICC (Immunocytochemistry)
AQP2/Aquaporin 2 Antibody-Immunofluorescent analysis of Aquaporin 2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-AQP2 antibody	Aquaporin 2 antibody is an unconjugated rabbit polyclonal antibody to Aquaporin 2 (AQP2)(C-Terminus) from human. It is reactive with human, mouse, rat and other species. Validated for ICC, IF, IHC and WB. Tested on 20 paraffin-embedded human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502179
NCBI GeneID	359
NCBI Accession #	NP_000477.1
NCBI GenBank Nucleotide #	NM_000486
UniProt Accession #	P41181; Q9UD68
Molecular Weight	28,837 Da
NCBI Official Full Name	aquaporin-2

NCBI Official Synonym Full Names	aquaporin 2 (collecting duct)
NCBI Official Symbol	AQP2
NCBI Official Synonym Symbols	AQP-CD; WCH-CD
NCBI Protein Information	aquaporin-2; AQP-2; aquaporin-CD; ADH water channel; water-channel aquaporin 2; collecting duct water channel protein; water channel protein for renal collecting duct
UniProt Protein Name	Aquaporin-2
UniProt Gene Name	AQP2
UniProt Synonym Gene Names	AQP-2; AQP-CD
UniProt Entry Name	AQP2_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/aqp2-aquaporin-2-antibody-western-blot-immunohistochemistry-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/162679>