

Rabbit anti-Human AQP2 Polyclonal Antibody | anti-AQP2 antibody

AQP2 Conjugated Antibody

CATALOG # AAA312761	HOST Rabbit	REACTIVITY Human
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PRODUCT SYNONYMS

AQP2; Polyclonal Antibody; AQP2 Conjugated Antibody; AQP-2; AQP-CD; MGC34501; anti-AQP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total AQP2 protein.
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human Aquaporin-2
Conjugation	AF405
Excitation Emission	AF405: 401nm/421nm
Preparation and Storage	Store at 4°C in the dark for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-AQP2 antibody	The basic job of aquaporin 2 is to reabsorb water from the urine while its being removed from the blood by the kidney. Aquaporin 2 is in kidney epithelial cells and usually lies dormant in intracellular vesicle membranes, but when it is needed vasopressin binds to the cell surface vasopressin receptor, activating a signaling pathway that causes the aquaporin 2 containing vesicles to fuse with the plasma membrane so the aquaporin 2 can be used by the cell.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502179
NCBI GeneID	359
NCBI Accession #	NP_000477
NCBI GenBank Nucleotide #	NM_000486.5
UniProt Accession #	P41181 ; Q9UD68
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://www.aaabiotech.com/polyclonal/aqp2-antibody-elisa/312761>