

Rabbit AQP2 Polyclonal Antibody | anti-AQP2 antibody

AQP2 Polyclonal Antibody

CATALOG # AAA167123	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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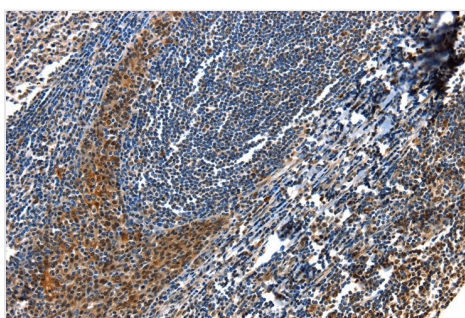
PRODUCT SYNONYMS

AQP2; Polyclonal Antibody; AQP2 Polyclonal Antibody; anti-AQP2 antibody

PRODUCT SPECIFICATIONS

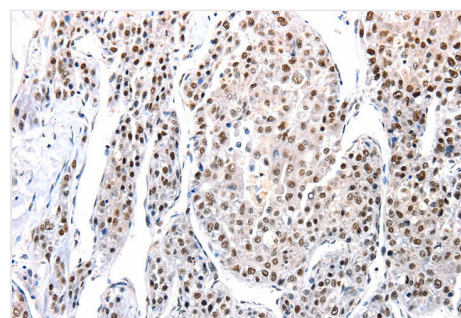
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.5mg/mL (varies by lot)
Sequence Length	271
Applicable Applications for anti-AQP2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human AQP2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using AQP2 Polyclonal Antibody at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using AQP2 Polyclonal Antibody at dilution 1:100

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502179
NCBI GeneID	359
NCBI Accession #	NP_000477.1
NCBI GenBank Nucleotide #	NM_000486.5
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; ADH water channel; AQP-2; aquaporin-CD; collecting duct water channel protein; water channel protein for renal collecting duct; water-channel aquaporin 2
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-immunohistochemistry-elisa/167123>