

Rabbit AQP2 Polyclonal Antibody | anti-AQP2 antibody

AQP2 Polyclonal Antibody Cy3 Conjugated

CATALOG # AAA313047	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence
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PRODUCT SYNONYMS

AQP2; Polyclonal Antibody; AQP2 Polyclonal Antibody Cy3 Conjugated; AQP-CD; WCH-CD; Aquaporin-2; AQP-2; ADH water channel; Aquaporin-CD; Collecting duct water channel protein; Water channel protein for renal collecting duct; anti-AQP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by Protein A
Form/Format	0.01M TBS (pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AQP2 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Conjugation	Cy3
Excitation Emission	512,550nm 570,615nm
Cell localization	Extracellular
Immunogen	KLH conjugated synthetic peptide aa 177-202 271 derived from human AQP2.
Preparation and Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-AQP2 antibody	Forms a water-specific channel that provides the plasma membranes of renal collecting duct with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient.
Product Categories/Family for anti-AQP2 antibody	Conjugated Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502179
NCBI GeneID	359
NCBI Accession #	NP_000477.1
NCBI GenBank Nucleotide #	NM_000486.5
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://www.aaabiotech.com/polyclonal/aqp2-antibody-flow-cytometry-immunofluorescence-elisa/313047>