

Aquaporin 2 Antibody | anti-AQP2 antibody

Aquaporin 2 (Ab-256) Antibody

CATALOG # AAA267501	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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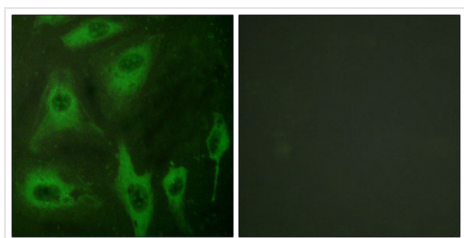
PRODUCT SYNONYMS

Aquaporin 2; Aquaporin 2 (Ab-256) Antibody; ADH water channel; AQP-CD; Aquaporin-CD; Collecting duct water channel protein; WCH-CD; Water channel protein for renal collecting duct; aquaporin 2; anti-AQP2 antibody

PRODUCT SPECIFICATIONS

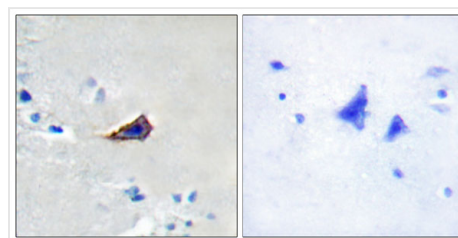
Reactivity	Human, Mouse, Rat
Specificity	Aquaporin 2 (Ab-256) antibody detects endogenous levels of total Aquaporin 2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	271
Applicable Applications for anti-AQP2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized peptide derived from Internal of human Aquaporin 2.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using Aquaporin 2 (Ab-256) antibody. Immunofluorescence analysis of HeLa cells, using Aquaporin 2 (Ab-256) antibody.



Application Data

Peptide-+

ADDITIONAL INFORMATION

References	Sasaki S., J. Clin. Invest. 93:1250-1256(1994). van Balkom B.W.M., J. Biol. Chem. 277:41473-41479(2002). Oksche A., Hum. Genet. 98:587-589(1996).
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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
NCBI Official Symbol	AQP2
NCBI Official Synonym Symbols	AQP-CD; WCH-CD
NCBI Protein Information	aquaporin-2
UniProt Protein Name	Aquaporin-2
UniProt Gene Name	AQP2
UniProt Synonym Gene Names	AQP-2; AQP-CD

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/human-mouse-rat-antibody/aquaporin-2/267501>