



Anti-AQP2 polyclonal antibody (DPABT-H21072)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-AQP2 Polyclonal Antibody
Target	AQP2
Immunogen	Peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen Affinity Purified
Conjugate	Unconjugated
Applications	ELISA, IHC
Molecular Weight	271aa
Cellular Localization	Apical cell membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein. Note: Shuttles from vesicles to the apical membrane
Format	Lyophilized Powder
Size	100 µl, 200 µl
Buffer	PBS with 0.02% Sodium Azide, 2%BSA,PH7.2
Preservative	0.02% Sodium Azide

Storage

-20 °C, Avoid freeze / thaw cycles

GENE INFORMATION

Gene Name	AQP2 aquaporin 2 (collecting duct) [Homo sapiens]
Official Symbol	AQP2
Synonyms	AQP2; aquaporin 2 (collecting duct); 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; AQP-CD; WCH-CD; MGC34501;
Entrez Gene ID	359
Protein Refseq	NP_000477
UniProt ID	P41181
Chromosome Location	12q12-q13
Pathway	Aquaporin-mediated transport, organism-specific biosystem; Passive Transport by Aquaporins, organism-specific biosystem; Regulation of Water Balance by Renal Aquaporins, organism-specific biosystem; Transmembrane transport of small molecules, organism-spe
Function	PDZ domain binding; actin binding; glycerol transmembrane transporter activity; transporter activity; water channel activity; water transmembrane transporter activity;