



## Anti-AQP2 polyclonal antibody (DPABH-26957)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 200 to the C-terminus of Human Aquaporin 2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">AQP2 aquaporin 3 (collecting duct) [ Homo sapiens ]</a>
<b>Official Symbol</b>	AQP2
<b>Synonyms</b>	AQP2; aquaporin 2 (collecting duct); AQP-CD; WCH-CD; 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;
<b>Entrez Gene ID</b>	<a href="#">359</a>
<b>Protein Refseq</b>	<a href="#">NP_000477.1</a>
<b>UniProt ID</b>	<a href="#">P41181</a>
<b>Pathway</b>	Aquaporin-mediated transport; Regulation of water balance by renal Aquaporins; Vasopressin-regulated water reabsorption;
<b>Function</b>	PDZ domain binding; actin binding; glycerol transmembrane transporter activity; water channel activity

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