



AQP2 blocking peptide (CDBP5095)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a water channel protein located in the kidney collecting tubule. It belongs to the MIP/aquaporin family, some members of which are clustered together on chromosome 12q13. Mutations in this gene have been linked to autosomal dominant and recessive forms of nephrogenic diabetes insipidus. [provided by RefSeq, Oct 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	AQP2 aquaporin 2 (collecting duct) [Homo sapiens (human)]
Official Symbol	AQP2
Synonyms	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
Entrez Gene ID	359
mRNA Refseq	NM_000486

Protein Refseq	NP_000477
UniProt ID	P41181
Pathway	Aquaporin-mediated transport; Passive transport by Aquaporins; Transmembrane transport of small molecules; Vasopressin regulates renal water homeostasis via Aquaporins; Vasopressin-regulated water reabsorption
Function	PDZ domain binding; actin binding; glycerol transmembrane transporter activity; water channel activity; water transmembrane transporter activity
