

AQP2 (phospho Ser256) Polyclonal Antibody

Catalog No: #14087

Package Size: #14087-1 50ul #14087-2 100ul

Description

Product Name	AQP2 (phospho Ser256) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-AQP2 (S256) Polyclonal Antibody detects endogenous levels of AQP2 protein only when phosphorylated at S256.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Aquaporin 2 around the phosphorylation site of Ser256. AA range:222-271
Conjugates	Unconjugated
Other Names	AQP2; Aquaporin-2; AQP-2; ADH water channel; Aquaporin-CD; AQP-CD; Collecting duct water channel protein; WCH-CD; Water channel protein for renal collecting duct
Accession No.	Swiss Prot:P41181GeneID:359
Calculated MW	28kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Background

aquaporin 2(AQP2) Homo sapiens 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],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.