Aqp2 polyclonal antibody (RPE)

Catalog # PAB28872 Size 100 ug

Applications

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Application Data with Unconjugated Antibody

Immunofluorescence

Immunofluorescence staining of Aqp2 in rat kidney with Aqp2 polyclonal antibody (Cat # PAB28856) at 1:200 dilution, DAPI merged.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of rat Aqp2.
Immunogen	A synthetic peptide corresponding to C-terminus of rat Aqp2.
Sequence	CLKGLEPDTDWEEREVRRRQ
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	Detects ~28.8 kDa. May detect larger glycosylated bands ~35-50 kDa.
Form	Liquid
Conjugation	RPE
Purification	Protein A purification
Recommend Usage	Immunocytochemistry/Immunofluorescence (1:400) Immunohistochemistry (1:200) Western Blot (1:2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. Application Data with Unconjugated Antibody Immunofluorescence Immunofluorescence staining of Aqp2 in rat kidney with Aqp2 polyclonal antibody (Cat # PAB28856) at 1:200 dilution, DAPI merged.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Western Blot

Gene Info — Aqp2

Entrez GeneID	25386
Protein Accession#	NP_037041.2; P34080
Gene Name	Aqp2
Gene Alias	AQP-2, MGC156502, aquaporin-2
Gene Description	aquaporin 2 (collecting duct)
Gene Ontology	Hyperlink
Other Designations	-

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