

Aqp2 polyclonal antibody (ATTO 488)

Catalog # PAB28858 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 ATTO 488

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.

Storage Buffer	In PBS (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	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.

Applications

- Western Blot
- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence

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	-