

# Aqp2 polyclonal antibody (APC )

Catalog # PAB28866      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** APC

**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	<a href="#">25386</a>
Protein Accession#	<a href="#">NP_037041.2; P34080</a>
Gene Name	Aqp2
Gene Alias	AQP-2, MGC156502, aquaporin-2
Gene Description	aquaporin 2 (collecting duct)
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	-