

# Aqp4 polyclonal antibody (Biotin)

Catalog # PAB28903      Size 100 ug

## Applications

### Application Data with Unconjugated Antibody

#### Immunofluorescence



Immunofluorescence staining of Aqp4 in rat kidney with Aqp4 polyclonal antibody (Cat # PAB28892) at 1:200 dilution, DAPI merged.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant Rat Aqp4.
<b>Immunogen</b>	Recombinant protein corresponding to Rat Aqp4 C-terminus.
<b>Sequence</b>	CTKGSYMEVEDNRSQVETED
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	0.5 ug/mL of PAB28903 was sufficient for detection of Aqp4, ~35kDa and sometimes larger glycosylated bands ~50kDa, in 10ug of rat kidney tissue lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Form</b>	Liquid
<b>Conjugation</b>	Biotin
<b>Purification</b>	Affinity purification
<b>Recommend Usage</b>	Immunofluorescence (1:400) Western Blot (1:1000-4000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	PBS pH7.4, 50% glycerol and 0.09% sodium azide

**Storage Instruction**

Store at 4°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

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- Western Blot
- Immunofluorescence

## Gene Info — Aqp4

**Entrez GeneID**[25293](#)**Protein Accession#**[NP\\_036957.1](#)**Gene Name**

Aqp4

**Gene Alias**

AQP-4, AQP4.M23, MIWC2, Miwc

**Gene Description**

aquaporin 4

**Gene Ontology**[Hyperlink](#)**Other Designations**

aquaporin 4.M23|mercurial-insensitive water channel