

Aqp4 polyclonal antibody (ATTO 390)

Catalog # PAB28893 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

Product Description	Rabbit polyclonal antibody raised against recombinant Rat Aqp4.
Immunogen	Recombinant protein corresponding to Rat Aqp4 C-terminus.
Sequence	CTKGSYMEVEDNRSQVETED
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	0.5 ug/mL of PAB28893 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 Go at anti-rabbit IgG:HRP as the secondary antibody.
Form	Liquid
Conjugation	ATTO 390
Purification	Affinity purification
Recommend Usage	Immunofluorescence (1:400) Western Blot (1:1000-4000) The optimal working dilution should be determined by the end user.
Storage Buffer	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