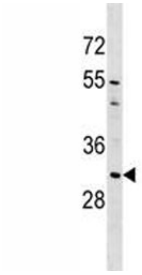
AQP1 Antibody (F45994)

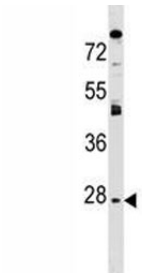
Catalog No.	Formulation	Size
F45994-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45994-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P29972
Applications	Western blot: 1:1000
Limitations	This AQP1 antibody is available for research use only.



AQP1 antibody western blot analysis in A549 lysate. Predicted molecular weight ~28kDa.



AQP1 antibody western blot analysis in mouse brain tissue lysate. Predicted molecular weight ~28kDa.

Description

Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). This gene encodes an aquaporin which functions as a molecular water channel protein. It is a homotetramer with 6 bilayer spanning domains and N-glycosylation sites. The protein physically resembles channel proteins and is abundant in erythrocytes and renal tubes. The gene encoding this aquaporin is a possible candidate for disorders involving imbalance in ocular fluid movement. Several transcript variants encoding different isoforms have been found for this gene.

Application Notes

Titration of the AQP1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 241-269 from the human protein was used as the immunogen for this AQP1 antibody.

Storage

Aliquot the AQP1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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