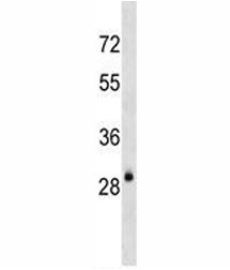
AQP3 Antibody (F47224)

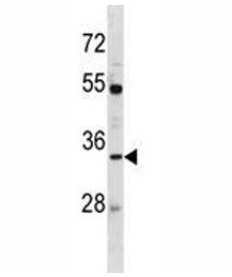
Catalog No.	Formulation	Size
F47224-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47224-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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	Q92482
Localization	Cytoplasmic, membranous
Applications	Western blot: 1:1000
Limitations	This AQP3 antibody is available for research use only.



AQP3 antibody western blot analysis in mouse kidney tissue lysate



AQP3 antibody western blot analysis in MDA-MB453 lysate

Description

Aquaporin 3 is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 3 is localized at the basal lateral membranes of collecting duct cells in the kidney. In addition to its water channel function, aquaporin 3 has been found to facilitate the transport of nonionic small solutes such as urea and glycerol, but to a smaller degree. It has been suggested that water channels can be functionally heterogeneous and possess water and solute permeation mechanisms.

Application Notes

Titration of the AQP3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 163-191 from the human protein was used as the immunogen for this AQP3 antibody.

Storage

Aliquot the AQP3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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