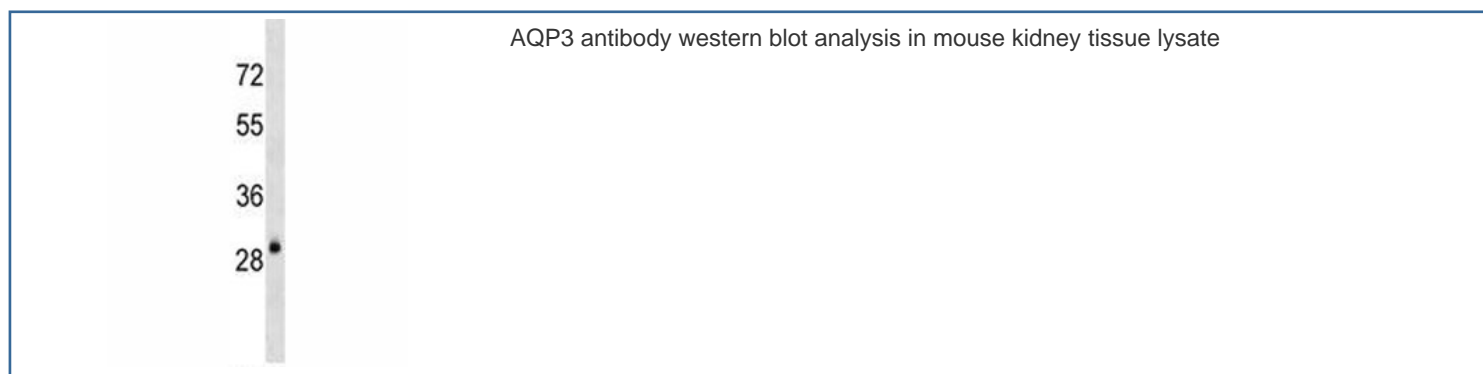


## AQP3 Antibody (F47224)

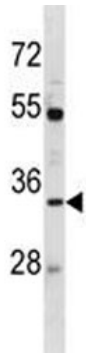
Catalog No.	Formulation	Size
F47224-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47224-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Bovine, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q92482
<b>Localization</b>	Cytoplasmic, membranous
<b>Applications</b>	Western blot : 1:1000
<b>Limitations</b>	This AQP3 antibody is available for research use only.



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.