

Datasheet for ABIN1537917  
**anti-AQP3 antibody (AA 163-191)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	AQP3
Binding Specificity:	AA 163-191
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AQP3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This AQP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-191 amino acids from the Central region of human AQP3.
Clone:	RB39489
Isotype:	Ig Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	AQP3
Alternative Name:	AQP3 ( <a href="#">AQP3 Products</a> )

## Target Details

**Background:** 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.

**Molecular Weight:** 31544

**Gene ID:** 360

**NCBI Accession:** [NP\\_004916](#)

**UniProt:** [Q92482](#)

## Application Details

**Application Notes:** WB: 1:1000. WB: 1:1000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

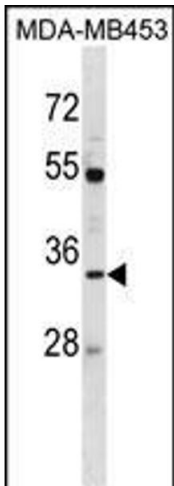
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

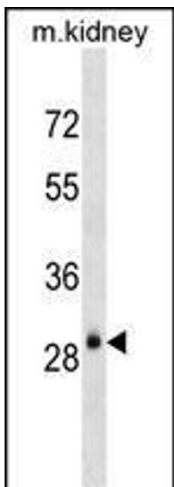
**Storage Comment:** AQP3 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

**Expiry Date:** 6 months



**Western Blotting**

**Image 1.** AQP3 Antibody (Center) (ABIN1537917 and ABIN2838290) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the AQP3 antibody detected the AQP3 protein (arrow).



**Western Blotting**

**Image 2.** AQP3 Antibody (Center) (ABIN1537917 and ABIN2838290) western blot analysis in mouse kidney tissue lysates (35 µg/lane). This demonstrates the AQP3 antibody detected the AQP3 protein (arrow).