

Datasheet for ABIN7073108  
**anti-Aquaporin 7 antibody**



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## Overview

Quantity:	100 µL
Target:	Aquaporin 7 (AQP7)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 7 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse Aquaporin 7
Cross-Reactivity:	Rat
Purification:	Affinity purification

## Target Details

Target:	Aquaporin 7 (AQP7)
Alternative Name:	Aquaporin 7 ( <a href="#">AQP7 Products</a> )
Background:	<p>This gene encodes a member of the aquaporin family of water-selective membrane channels. The encoded protein localizes to the plasma membrane and allows movement of water, glycerol and urea across cell membranes. This gene is highly expressed in the adipose tissue where the encoded protein facilitates efflux of glycerol. In the proximal straight tubules of kidney, the encoded protein is localized to the apical membrane and prevents excretion of</p>

Target Details

	glycerol into urine. The encoded protein is present in spermatids, as well as in the testicular and epididymal spermatozoa suggesting an important role in late spermatogenesis. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.
Molecular Weight:	33 kDa
Gene ID:	11832
NCBI Accession:	<a href="#">NP_031499</a>
UniProt:	<a href="#">O54794</a>

Application Details

Application Notes:	WB (M,R) 1:500-1:800
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % 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:	-20 °C

Images

