

Datasheet for ABIN1536913
anti-Aquaporin 1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	Aquaporin 1 (AQP1)
Binding Specificity:	AA 241-269, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This AQP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 241-269 amino acids from the C-terminal region of human AQP1.
Clone:	RB26795
Isotype:	Ig Fraction
Predicted Reactivity:	B, Rat, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Aquaporin 1 (AQP1)
Alternative Name:	AQP1 (AQP1 Products)

Target Details

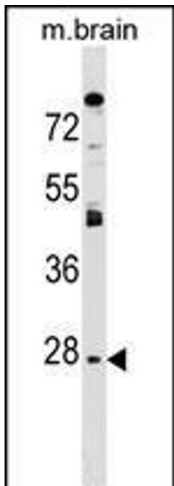
Background:	Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). This gene encodes an aquaporin which functions as a molecular water channel protein. It is a homotetramer with 6 bilayer spanning domains and N-glycosylation sites. The protein 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.
Molecular Weight:	28526
Gene ID:	358
NCBI Accession:	NP_001171989 , NP_001171990 , NP_001171991 , NP_932766
UniProt:	P29972
Pathways:	Hormone Transport

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

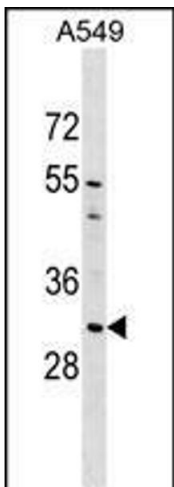
Handling

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:	AQP1 Antibody (C-term) 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. AQP1 Antibody (C-term) (ABIN1536913 and ABIN2849410) western blot analysis in mouse brain tissue lysates (35 µg/lane). This demonstrates the AQP1 antibody detected the AQP1 protein (arrow).



Western Blotting

Image 2. AQP1 Antibody (C-term) (ABIN1536913 and ABIN2849410) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the AQP1 antibody detected the AQP1 protein (arrow).