

Datasheet for ABIN2784113
anti-Aquaporin 10 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Aquaporin 10 (AQP10)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human AQP10
Sequence:	VGATVGTATY QLLVALHHPE GPEPAQDLVS AQHKASELET PASAQMLECK
Predicted Reactivity:	Cow: 75%, Human: 100%, Rabbit: 75%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against AQP10. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Aquaporin 10 (AQP10)
Alternative Name:	AQP10 (AQP10 Products)

Target Details

Background:	<p>AQP10 is a member of the aquaglyceroporin family of integral membrane proteins. Members of this family function as water-permeable channels in the epithelia of organs that absorb and excrete water. AQP10 was shown to function as a water-selective channel, and could also permeate neutral solutes such as glycerol and urea. This gene encodes a member of the aquaglyceroporin family of integral membrane proteins. Members of this family function as water-permeable channels in the epithelia of organs that absorb and excrete water. This protein was shown to function as a water-selective channel, and could also permeate neutral solutes such as glycerol and urea.</p> <p>Alias Symbols: AQPA_HUMAN</p> <p>Protein Size: 301</p>
Molecular Weight:	32 kDa
Gene ID:	89872
NCBI Accession:	NM_080429 , NP_536354
UniProt:	Q96PS8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 301 AA
Restrictions:	For Research Use only

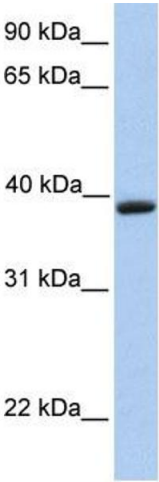
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-AQAntibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate