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Datasheet for ABIN7264591

## anti-AQP9 antibody

### 1 Image

#### Overview

Quantity:	200 µL
Target:	AQP9
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AQP9 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	A synthetic peptide of human AQP9 (NP_066190.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	AQP9
Alternative Name:	AQP9 ( <a href="#">AQP9 Products</a> )
Background:	The aquaporins are a family of water-selective membrane channels. This gene encodes a member of a subset of aquaporins called the aquaglyceroporins. This protein allows passage of a broad range of noncharged solutes and also stimulates urea transport and osmotic water permeability. This protein may also facilitate the uptake of glycerol in hepatic tissue . The

## Target Details

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encoded protein may also play a role in specialized leukocyte functions such as immunological response and bactericidal activity. Alternate splicing results in multiple transcript variants.

Molecular Weight: Observed\_MW: 38 kDa  
Calculated\_MW: 31 kDa

Gene ID: 366

UniProt: [O43315](#)

## Application Details

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Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

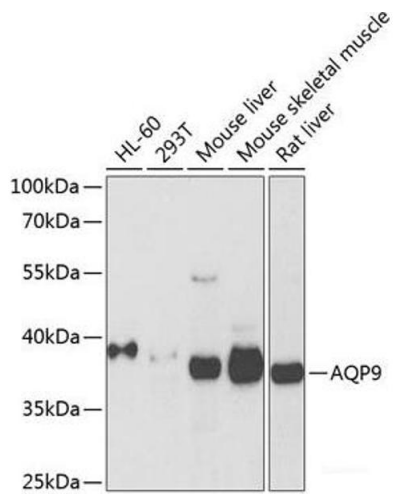
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using AQP9 Polyclonal Antibody at dilution of 1:1000.