

# AQP9 Rabbit Polyclonal Antibody



CAB8540

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## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

38kDa

**Calculated MW:**

31kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse, Rat

## Protein 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 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.

## Immunogen information

**Gene ID:**

366

**Uniprot**

O43315

**Synonyms:**

AQP9; AQP-9; HsT17287; SSC1; T17287

## Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

**Immunogen:**

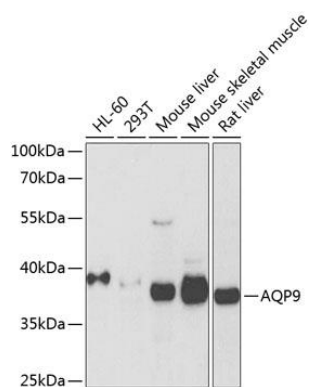
A synthetic peptide corresponding to a sequence within amino acids 50-150 of human AQP9 (NP\_066190.2).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using AQP9 antibody (CAB8540) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.