

## AQP1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50- 1:100

**Calculated MW:**29kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human AQP1

**Storage Buffer:**

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

**Synonym:**

CO; CHIP28; AQP-CHIP

**Catalog #:**A10730

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**358

**Isotype:**IgG

**Swiss Prot:**P29972

**Purity:**Affinity purification

For research use only.

**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.

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