

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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