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AQP1 Antibody [#C14546]

Catalog Number: C14546

Concentration: 1mg/ml

Swiss-Prot No.: P29972

Other Names: AQP-1; AQP-CHIP; aquaporin 1; aquaporin-1; aquaporin-CHIP; channel-like integral membrane protein, 28-kDa; CHIP28; Colton blood group; urine water channel; water channel protein for red blood cells and kidney proximal tubule

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized peptide derived from internal of human AQP1.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity: AQP1 antibody detects endogenous levels of total AQP1 protein.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 92%, Positives = 92%);
Rat (Identities = 92%, Positives = 92%)

Applications: WB: 1:500~1:3000 ELISA: 1:40000

References:

Preston G.M., Proc. Natl. Acad. Sci. U.S.A. 88:11110-11114(1991).

Moon C., J. Biol. Chem. 268:15772-15778(1993).

Ruiz A.C., Biochim. Biophys. Acta 1282:174-178(1996).

