

Basic Information

Product Name	Anti-AQP1 Antibody (Clone#OTI10C11)
Gene Name	AQP1
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, mouse, rat
Tested Application	FCM, WB
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human AQP1 (NP_932766) produced in HEK293T cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	28.3 kDa
Dilution Ratios	Western blot (WB): 1:2000 Flow cytometry (FCM):1:100

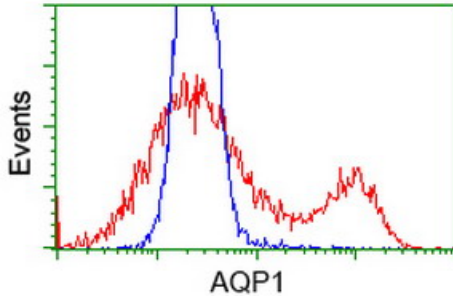
Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

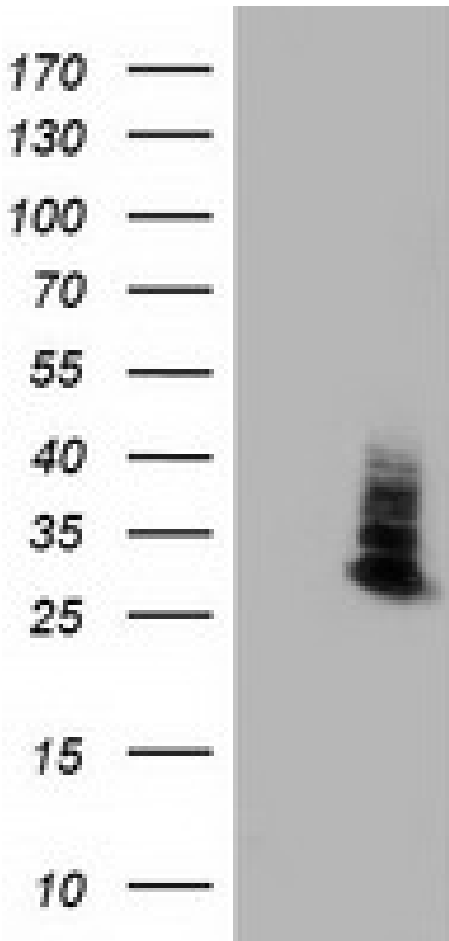
Background Information

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. [provided by RefSeq]

Selected Validation Data



HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AQP1 antibody, and then analyzed by flow cytometry.



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AQP1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AQP1.

Product datasheet

Anti-AQP1 Antibody (Clone#OTI10C11)

Catalog Number: M00865-2



antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

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