Product Name: Aquaporin 1 Rabbit Monoclonal antibody
Catalog #: AMRe01668
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.18mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 29 kDa; Observed MW: 29 kDa

Antigen Information

Gene Name	AQP1
Alternative Names	AQP1; CHIP28; Aquaporin-1; AQP-1; Aquaporin-CHIP; Urine water channel; Water channel protein for red blood cells and kidney proximal tubule
Gene ID	358
SwissProt ID	P29972
Immunogen	A synthetic peptide of human Aquaporin 1

Background

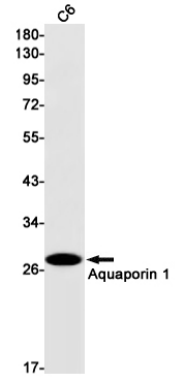
Forms a water-specific channel that provides the plasma membranes of red cells and kidney proximal tubules with high

permeability to water, thereby permitting water to move in the direction of an osmotic gradient.

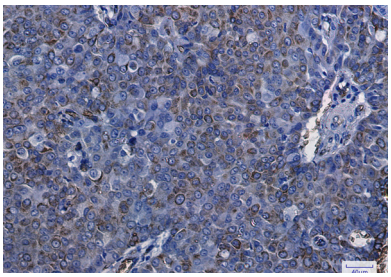
Research Area

Cell Biology

Image Data



Western blot analysis of Aquaporin 1 in C6 lysates using Aquaporin 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Aquaporin 1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.