
Product Name: Aquaporin 5 Rabbit Monoclonal Antibody**Catalog #: AMRe85302**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight	Calculated MW: 28 kDa; Observed MW: 28 kDa

Antigen Information

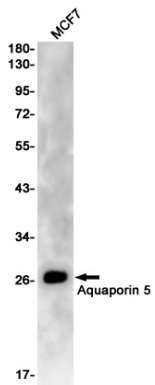
Gene Name	Aquaporin 5
Alternative Names	AQP5; Aquaporin-5; AQP-5
Gene ID	362.0
SwissProt ID	P55064
Immunogen	A synthetic peptide of human Aquaporin 5

Background

Forms a water-specific channel. Implicated in the generation of saliva, tears, and pulmonary secretions. Required for TRPV4 activation by hypotonicity (PubMed:16571723). Together with TRPV4, controls regulatory volume decrease in salivary epithelial cells (PubMed:16571723).

Research Area

Image Data



Western blot analysis of Aquaporin 5 in MCF-7 lysates using Aquaporin 5 antibody.