

Product Name: Aquaporin 5 Rabbit Monoclonal Antibody
Catalog #: AMRe01670

Summary

Production Name	Aquaporin 5 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	AQP5
Alternative Names	AQP5; Aquaporin-5; AQP-5
Gene ID	362
SwissProt ID	P55064.

Application

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

Background

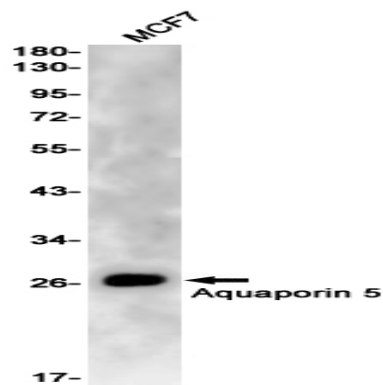
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Forms a water-specific channel. Implicated in the generation of saliva, tears, and pulmonary secretions. Required for TRPV4 activation by hypotonicity (PubMed:16571723). Together with TRPV4, controls regulatory volume decrease in salivary epithelial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

Research Area

Cell Biology

Image Data



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

Note

For research use only.