

AQP5 Rabbit mAb

Catalog No: #56100

Package Size: #56100-1 50ul #56100-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

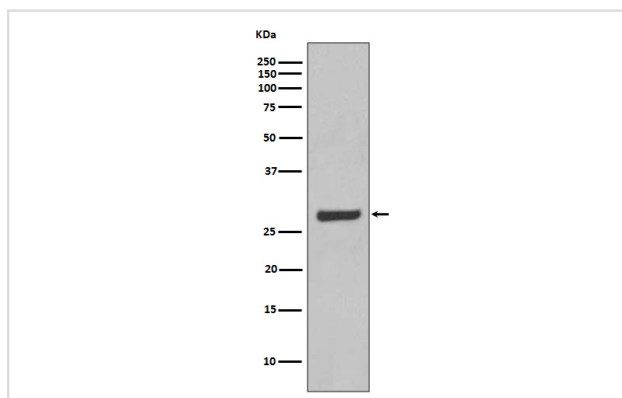
Description

Product Name	AQP5 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	AQP5 Antibody detects endogenous levels of AQP5
Immunogen Description	A synthesized peptide derived from human AQP5
Other Names	AQP-5; Aquaporin-5; AQP5; Aquaporin 5;
Accession No.	Uniprot:P55064
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Calculated MW	28kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle.

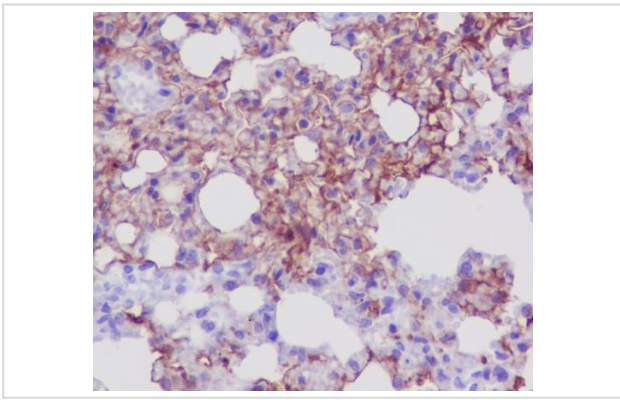
Application Details

WB:1:1000~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200

Images



Western blot analysis of AQP5 expression in SW480 cell lysate.



Immunohistochemical analysis of paraffin-embedded mouse lung, using AQP5 Antibody.

Product Description

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).

Note: This product is for in vitro research use only