SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-Aquaporin 5/FITC Conjugated antibody

Catalog Number: SL10927R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-Aquaporin 5/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human Aquaporin 5
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	ICC=1:50-200 IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Rat(predicted:Mouse,Pig)
Background:	background: Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13. [provided by RefSeq, Jul 2008] **Function:** Forms a water-specific channel. Implicated in the generation of saliva, tears, and pulmonary secretions. **Subcellular Location:** Membrane; Multi-pass membrane protein. **Similarity:** Belongs to the MIP/aquaporin (TC 1.A.8) family. **Database links:** **Entrez Gene:** 362 Human **Entrez Gene:** 11830 Mouse **Entrez Gene:** 25241 Rat Omim: 600442 Human **SwissProt:** P55064 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	SwissProt: Q9WTY4 Mouse **SwissProt:** P47864 Rat **Unigene:** 298023 Human **Unigene:** 45580 Mouse **Unigene:** 10066 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.