
Product Name: AQP5 Rabbit Polyclonal Antibody**Catalog #: APRab07074**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight	35kDa

Antigen Information

Gene Name	AQP5
Alternative Names	AQP5; Aquaporin-5; AQP-5
Gene ID	362.0
SwissProt ID	P55064
Immunogen	The antiserum was produced against synthesized peptide derived from human AQP5. AA range:194-243

Background

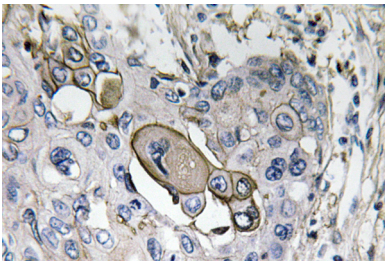
Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the

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],domain:Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA),,function:Forms a water-specific channel. Implicated in the generation of saliva, tears, and pulmonary secretions.,similarity:Belongs to the MIP/aquaporin (TC 1.A.8) family.,

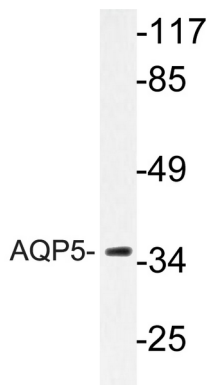
Research Area

Cell Biology

Image Data



Immunohistochemistry analysis of AQP5 antibody in paraffin-embedded human lung carcinoma tissue.



Western blot analysis of lysate from HUVEC cells, using AQP5 antibody.



Western Blot analysis of various cells using AQP5 Polyclonal Antibody