

AQP5 Rabbit Polyclonal Antibody



CAB9927

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

28KDa

Calculated MW:

28kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

362

Uniprot

P55064

Synonyms:

AQP5; AQP-5; PPKB

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

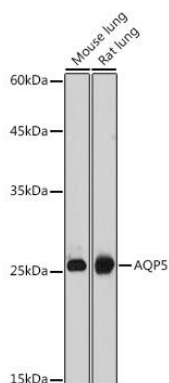
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 150-250 of human AQP5 (NP_001642.1).

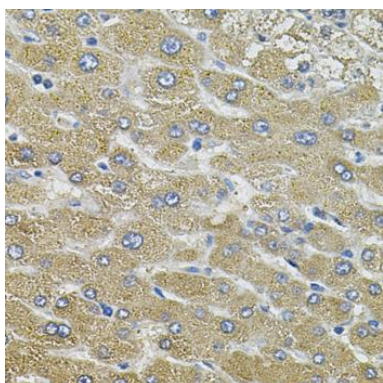
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

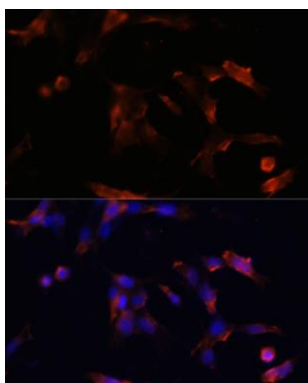
Product Images



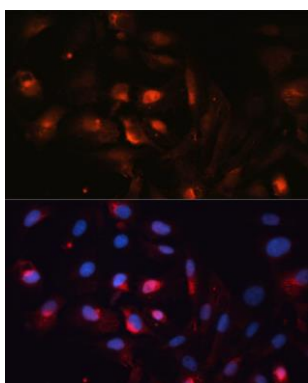
Western blot analysis of extracts of various cell lines, using AQP5 antibody (CAB9927) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human liver tissue using AQP5 antibody (CAB9927) (40x lens).



Immunofluorescence analysis of NIH/3T3 cells using AQP5 antibody (CAB9927) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using AQP5 antibody (CAB9927) at dilution of 1:100. Blue: DAPI for nuclear staining.