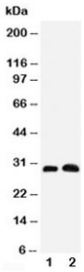
Aquaporin 5 Antibody (R30332)

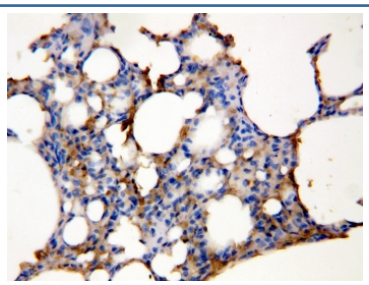
Catalog No.	Formulation	Size
R30332	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9WTY4
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 0.5-1ug/ml
Limitations	This Aquaporin 5 antibody is available for research use only.



Aquaporin 5 Antibody Rat Lung and Testis WB. Western blot testing of Aquaporin 5 antibody and Lane 1: rat lung; 2: rat testis tissue lysate. Predicted molecular weight ~28 kDa.



Aquaporin 5 Antibody Rat Lung Immunohistochemistry. IHC-P: Aquaporin 5 antibody testing of rat lung tissue lysate.

Description

Aquaporin 5 Antibody detects Aquaporin 5, also known as AQP5, a water channel protein. The aquaporins (AQPs) are a family of more than 10 homologous water transporting proteins expressed in many mammalian epithelia and endothelia. AQP5 is expressed in corneal and lacrimal gland epithelia. Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions.

For additional Aquaporin 5 antibody options across applications and tissue types, see our Aquaporin 5 antibody page.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Aquaporin 5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of mouse AQP5 (EEDWEDHREERKKTIELTAH) was used as the immunogen for this Aquaporin 5 antibody.

Storage

After reconstitution, the Aquaporin 5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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