

Product Datasheet

AQP5 Antibody

Catalog No: CY5594

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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Information

UniProt ID: P55064

All Names: AQP-5; Aquaporin-5; AQP5; Aquaporin 5;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 28 kDa

Application

WB: 1:1000~1:2000

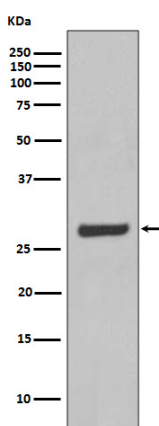
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

Background

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).



Western blot analysis of AQP5 expression in SW480 cell lysate.

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