

## Aquaporin 5 Rabbit pAb

Catalog Number: bs-1554R

Target Protein: Aquaporin 5

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse, Rat

Predicted MW: 29 kDa

Entrez Gene: 11830

Swiss Prot: Q9WTY4

Source: KLH conjugated synthetic peptide derived from mouse AQP5: 201-265/265.

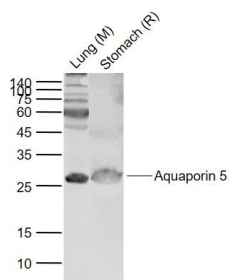
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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]

### VALIDATION IMAGES



Sample: Lane 1: Mouse Lung tissue lysates Lane 2: Rat Stomach tissue lysates Primary: Anti-Aquaporin 5 (bs-1554R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 29 kD Observed band size: 27 kD

### PRODUCT SPECIFIC PUBLICATIONS

[IF=5.23] Yi, TacGhee, et al. "Single Cell Clones Purified from Human Parotid Glands Display Features of Multipotent

Epitheliomesenchymal Stem Cells." Scientific Reports 6 (2016). FCM ; ="Human" . 27824146

[IF=4.25] Lim, Jae-Yol, et al. "Establishment and Characterization of Mesenchymal Stem Cell-like Clonal Stem Cells from Mouse Salivary Glands." Tissue Engineering (2014). Other ; ="Mouse" . 25273691

[IF=2.634] Liu X. et al. Effects of Different Ligands in the Notch Signaling Pathway on the Proliferation and Transdifferentiation of Primary Type II Alveolar Epithelial Cells.. Front Pediatr. 2020 Aug;8:452-452 WB ; Rat . 32850559

[IF=3.419] Shota Mitsuboshi. et al. A novel alveolar epithelial cell sheet fabricated under feeder-free conditions for potential use in pulmonary regenerative therapy. Regen Ther. 2022 Mar;19:113 IHC ; Rat . 10.1016/j.reth.2022.01.005

[IF=2.826] Takanori Watanabe et al. Aquaporin 3 Expression in Endometrioid Carcinoma of the Uterine Body Correlated With Early Stage and Lower Grade. Pathol Oncol Res. 2020 Oct;26(4):2247-2253. IHC ; Human . 32382899