bs-6786R

[Primary Antibody]

Bioss ANTIBODIES

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

Aquaporin 8 Rabbit pAb

- DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GenelD: 343 **SWISS:** 094778

Target: Aquaporin 8

Immunogen: KLH conjugated synthetic peptide derived from human Aquaporin

8: 101-220/261. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: Forms a water-specific channel; mercury-sensitive. plays a role in

water transport across hepatocyte membranes [RGD, Feb 2006]

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500)

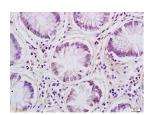
Reactivity: Rat (predicted: Human,

Mouse, Pig, Dog, Horse)

Predicted MW.: 29 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-AQP8/Aquaporin 8 Polyclonal Antibody, Unconjugated(bs-6786R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

- SELECTED CITATIONS -

- [IF=7.675] Yimeng Fan. et al. Pingwei San Ameliorates Spleen Deficiency-Induced Diarrhea through Intestinal Barrier Protection and Gut Microbiota Modulation. ANTIOXIDANTS-BASEL. 2023 May;12(5):1122 IHC; Rat. 37237988
- [IF=6.107] Xiao-Hu Zhao. et al. Integrative analysis reveals marker genes for intestinal mucosa barrier repairing in clinical patients. ISCIENCE. 2023 May;:106831 WB; Human. 37250791
- [IF=5.279] Qi-Le Zuo. et al. Influences of Xylitol Consumption at Different Dosages on Intestinal Tissues and Gut Microbiota in Rats. J Agr Food Chem. 2021;XXXX(XXX):XXX-XXX IHC;rat. 34590865
- [IF=5.165] Chenhong Lin. et al. Osmotic pressure induces translocation of aquaporin-8 by P38 and JNK MAPK signaling pathways in patients with functional constipation. DIGEST LIVER DIS. 2023 Feb;; WB,IF; Human. 36792433
- [IF=3.414] Li X et al. Physicochemical properties and laxative effects of polysaccharides from Anemarrhena asphodeloides Bge. In loperamide-induced rats. J Ethnopharmacol. 2019 Aug 10;240:111961. WB;Rat. 31102614