

bs-6786R**[Primary Antibody]****Aquaporin 8 Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

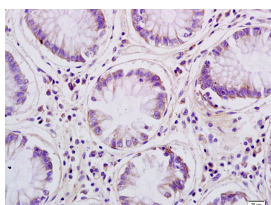
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 343	SWISS: O94778	IF (1:100-500)
Target: Aquaporin 8		Reactivity: Human, Rat (predicted: Mouse, Pig, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human Aquaporin 8: 101-220/261. < Extracellular >		Predicted MW.: 29 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
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]		

— VALIDATION IMAGES —

Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; 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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.