

AQP8 Antibody

Catalog No: #36812

Package Size: #36812 100ul

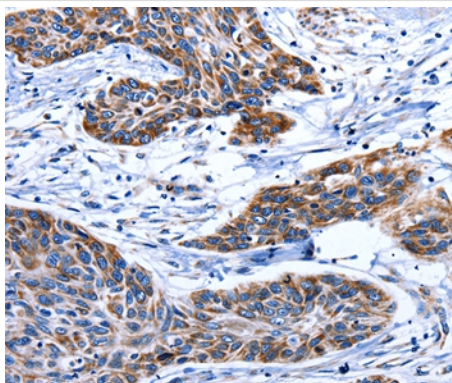
Description

Product Name	AQP8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AQP8 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human aquaporin 8
Conjugates	Unconjugated
Target Name	AQP8
Other Names	AQP-8
Accession No.	Swiss-Prot#: O94778NCBI Gene ID: 343Gene Accssion: NP_001160
Concentration	3.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #36812 at dilution 1/75.

Background

Aquaporin-8 is a protein that in humans is encoded by the AQP8 gene. Aquaporin 8 (AQP8) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 8 mRNA is found in pancreas and colon but not other tissues. Forms a water-specific channel; mercury-sensitive. Not permeable to glycerol or urea. Expressed only in pancreas and colon.

Published Papers

el at., Stool-softening effect and action mechanism of free anthraquinones extracted from *Rheum palmatum* L. on water deficit-induced constipation in rats. In *J Ethnopharmacol* on 2024 Jan 30 by Huijuan Lv, Jingjing Niu,et al..PMID:37907143, , (2024)

[PMID:37907143](#)

Lv Huijuan;Niu Jingjing;Pan Wenhao;Wang Yudong;Wang Lifang;Wang Meng;Shi Yali;Zhang Guifang;Hamyari Bandar Al;Wang Shaohua;Li Xuefeng;Shi Yanbin;Al Hamyari Bandar el at., Stool-softening effect and action mechanism of free anthraquinones extracted from *Rheum palmatum* L. on water deficit-induced constipation in rats, , (2023)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.