

AQP10 Rabbit pAb

CatalogNo: YN0454

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,ELISA

MW

- 33kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 230-310

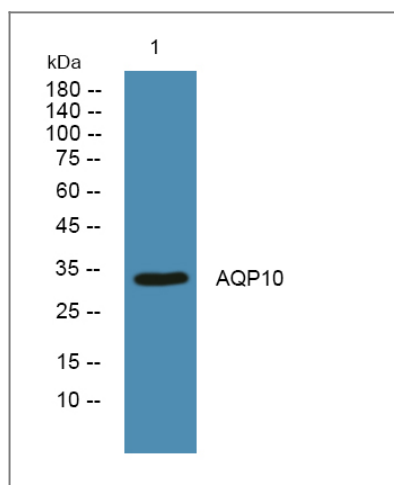
Specificity AQP10 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name AQP10

Protein Name	Aquaporin-10 (AQP-10) (Aquaglyceroporin-10) (Small intestine aquaporin)		
	Organism	Gene ID	UniProt ID
	Human	89872 ;	Q96PS8 ;
Cellular Localization	Apical cell membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Lipid droplet . Detected around lipid droplets. .		
Tissue specificity	Detected in epithelial cells on villi in the ileum , and also in stomach , jejunum , colon , rectum , white adipose tissue and placenta (at protein level) (PubMed:15221416 , PubMed:23382902) . Expressed in duodenum and jejunum. Highest expression in absorptive epithelial cells at the tips of villi in the jejunum (PubMed:11573934 , PubMed:12084581) . Detected in subcutaneous adipose tissue (PubMed:23382902) .		
Function	Domain:Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA) . ,Function:Forms a water channel. Not permeable to urea and glycerol. May contribute to water transport in the upper portion of small intestine. ,similarity:Belongs to the MIP/aquaporin (TC 1.A.8) family. ,tissue specificity:Expressed exclusively in duodenum and jejunum. Highest expression in absorptive epithelial cells at the tips of villi in the jejunum. ,		

Validation Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°C over night

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
AQP10 Rabbit pAb

