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GPR172B Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18414c

Specification

GPR172B Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9NWF4

GPR172B Antibody (Center) Blocking Peptide - Additional Information

Gene ID 55065

Other Names
Solute carrier family 52, riboflavin transporter, member 1, Porcine endogenous retrovirus A receptor 2, PERV-A receptor 2, Protein GPR172B, Riboflavin transporter 1, hRFT1, SLC52A1, GPR172B, PAR2, RFT1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GPR172B Antibody (Center) Blocking Peptide - Protein Information

Name SLC52A1 (HGNC:30225)

Synonyms GPR172B, PAR2, RFT1

Function
Plasma membrane transporter mediating the uptake by cells of the water soluble vitamin B2/riboflavin that plays a key role in biochemical oxidation-reduction reactions of the carbohydrate, lipid, and amino acid

GPR172B Antibody (Center) Blocking Peptide - Background

GPCR41 (MIM 607882) and GPCR42 act as receptors forporcine endogenous retrovirus subgroup A (PERV-A).[supplied byOMIM].

GPR172B Antibody (Center) Blocking Peptide - References

Yonezawa, A., et al. Am. J. Physiol., Cell Physiol. 295 (3), C632-C641 (2008) :Ericsson, T.A., et al. Proc. Natl. Acad. Sci. U.S.A. 100(11):6759-6764(2003)Takeda, S., et al. FEBS Lett. 520 (1-3), 97-101 (2002) :

metabolism (PubMed:18632736, PubMed:20463145). Humans are unable to synthesize vitamin B2/riboflavin and must obtain it via intestinal absorption (PubMed:20463145).

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.

GPR172B Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides