

GPR172B Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18414c**Specification**

GPR172B Antibody (Center) Blocking Peptide - Product InformationPrimary 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 InformationName 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 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](#)

GPR172B Antibody (Center) Blocking Peptide - Images

GPR172B Antibody (Center) Blocking Peptide - Background

GPCR41 (MIM 607882) and GPCR42 act as receptors for porcine endogenous retrovirus subgroup A (PERV-A). [supplied by OMIM].

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) :