

GPR172B Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03718
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PEVR2. AA range:235-284
Mol wt	46345
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	GPR172B Antibody
Synonyms	SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRF

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. SLC52A1 (solute carrier family 52 member 1) encodes a member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of this protein can cause maternal riboflavin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Recommended Dilution

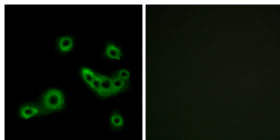
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

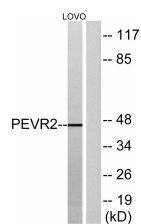
ELISA: 1: 10000

Not yet tested in other applications.

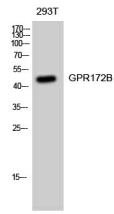
Images



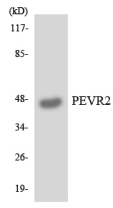
Immunofluorescence analysis of MCF7 cells, using PEVR2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, using PEVR2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 293T cells using GPR172B Polyclonal Antibody diluted at 1:1000



Western blot analysis of the lysates from K562 cells using PEVR2 antibody.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com