

Product Name: GPR172B Rabbit Polyclonal Antibody
Catalog #: APRab11658



Summary

Production Name	GPR172B Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SLC52A1
Alternative Names	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; hRFT1
Gene ID	55065.0
SwissProt ID	Q9NWF4.The antiserum was produced against synthesized peptide derived from human PEVR2. AA range:235-284

Application

Dilution Ratio	WB 1:500-1:2000, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:10000.Not yet tested in other
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applications.

Molecular Weight

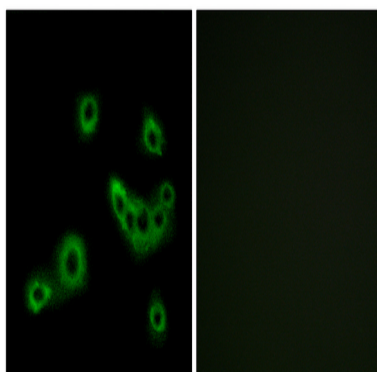
46kDa

Background

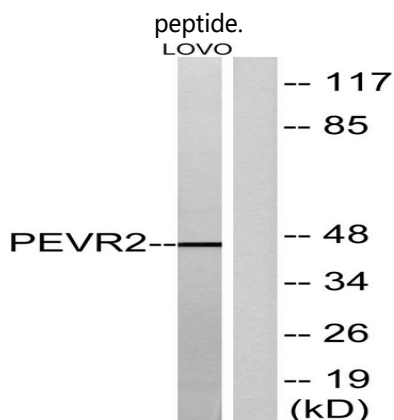
Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes a member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of this protein can cause maternal riboflavin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2013],function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A),similarity:Belongs to the PERVR family,tissue specificity:Detected in a wide variety of tissues. High expression in testis,.

Research Area

Image Data

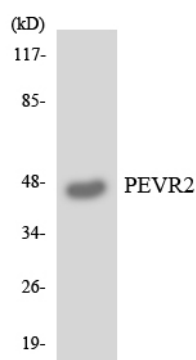


Immunofluorescence analysis of MCF7 cells, using PEVR2 Antibody. The picture on the right is blocked with the synthesized

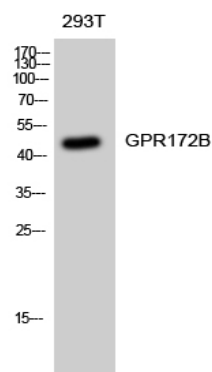


Western blot analysis of lysates from LOVO cells, using PEVR2 Antibody. The lane on the right is blocked with the synthesized peptide.

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



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

Note

For research use only.