Best Tools for immunology Research

GPR172B Polyclonal Antibody

Catalog No :	YT1996
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	GPR172B
Gene Name :	SLC52A1
Protein Name :	Solute carrier family 52 riboflavin transporter member 1
Human Gene Id :	55065
Human Swiss Prot No :	Q9NWF4
Immunogen :	The antiserum was produced against synthesized peptide derived from human PEVR2. AA range:235-284
Specificity :	GPR172B Polyclonal Antibody detects endogenous levels of GPR172B protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	46kD
Background :	Biological redox reactions require electron donors and acceptor. Vitamin B2 is

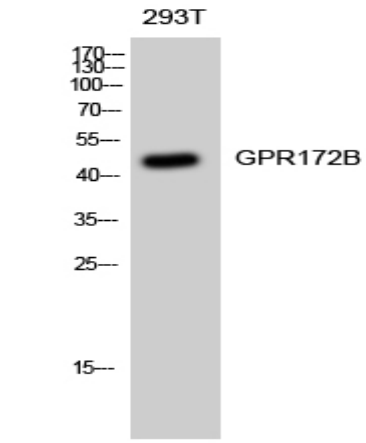
the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes a member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of this protein can cause maternal riboflavin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2013],

Function : 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.,

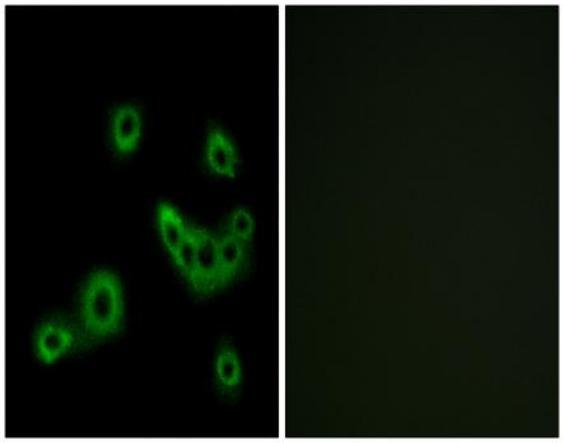
Subcellular Location : Cell membrane ; Multi-pass membrane protein .

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

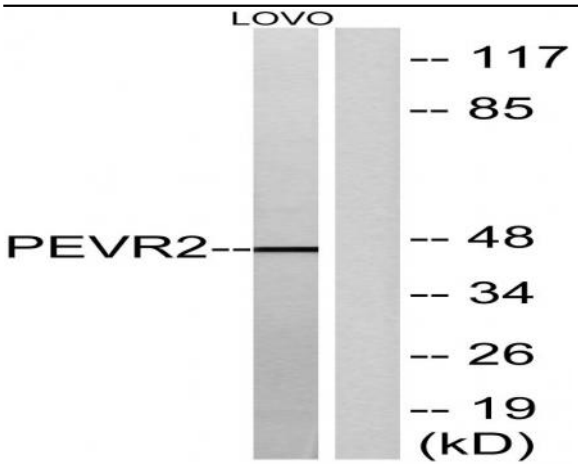
Products Images



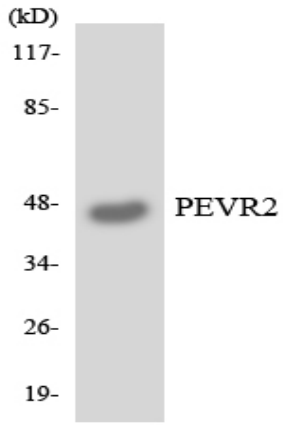
Western Blot analysis of 293T cells using GPR172B Polyclonal Antibody diluted at 1:1000



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 the lysates from K562 cells using PEVR2 antibody.