ELK Biotechnology

# GPR172B rabbit pAb

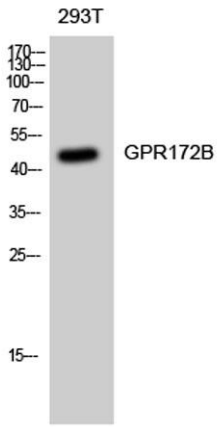
## Cat No.:ES6702

**For research use only**

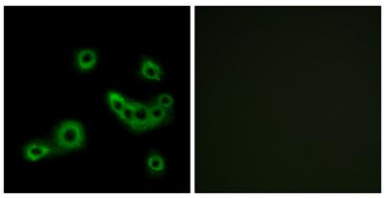
**Overview**

| | |
|---|---|
| **Product Name** | GPR172B rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;IF;ELISA |
| **Species Cross-Reactivity** | Human;Rat;Mouse; |
| **Recommended dilutions** | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. |
| **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. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Solute carrier family 52 riboflavin transporter member 1 |
| **Gene Name** | SLC52A1 |
| **Cellular localization** | Cell membrane ; Multi-pass membrane protein . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | 46kD |
| **Human Gene ID** | 55065 |
| **Human Swiss-Prot Number** | Q9NWF4 |
| **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 |
| **Background** | Biological redox reactions require electron donors |

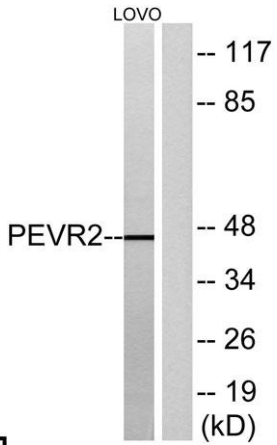
and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes a member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of this protein can cause maternal riboflavin deficiency.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




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.

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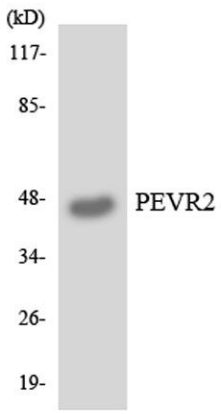


Western blot analysis of the lysates from K562 cells using PEVR2 antibody.

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