



# FLVC1 Polyclonal Antibody

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | YP-Ab-07312   |
| <b>Isotype</b>            | IgG   |
| <b>Reactivity</b>         | Human;Rat;Mouse;  |
| <b>Applications</b>       | WB;ELISA  |
| <b>Gene Name</b>          | FLVCR1 FLVCR  |
| <b>Protein Name</b>       | Feline leukemia virus subgroup C receptor-related protein 1 (Feline leukemia virus subgroup C receptor) (hFLVCR)  |
| <b>Immunogen</b>          | Synthesized peptide derived from human protein . at AA range: 481-530   |
| <b>Specificity</b>        | FLVC1 Polyclonal Antibody detects endogenous levels of protein.   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  |
| <b>Source</b>             | Polyclonal, Rabbit,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>           | WB 1:500-2000 ELISA 1:5000-20000  |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage Stability</b>  | -20°C/1 year  |
| <b>Synonyms</b>           |   |
| <b>Observed Band</b>      | 61kD  |
| <b>Cell Pathway</b>       | [Isoform 1]: Cell membrane ; Multi-pass membrane protein .; [Isoform 2]: Mitochondrion membrane ; Multi-pass membrane protein .   |
| <b>Tissue Specificity</b> | Found all hematopoietic tissues including peripheral blood lymphocytes. Some expression is found in pancreas and kidney.  |
| <b>Function</b>           | developmental stage:Down-regulated in haemopoietic progenitor cells undergoing differentiation and hemoglobinization. Abundant in fetal liver.,function:Exports cytoplasmic heme. May be required to protect developing erythroid cells from heme toxicity. Causes susceptibility to FeLV-C in vitro.,similarity:Belongs to the major facilitator superfamily. Feline leukemia virus subgroup C receptor (TC 2.A.1.28.1) family.,tissue specificity:Found all hematopoietic tissues including peripheral blood lymphocytes. Some expression is found in pancreas and kidney., |
| <b>Background</b>         | This gene encodes a member of the major facilitator superfamily of transporter proteins. The encoded protein is a heme transporter that may play a critical role in erythropoiesis by protecting developing erythroid cells from heme toxicity. This gene may play a role in posterior column ataxia with retinitis pigmentosa and the hematological disorder Diamond-Blackfan syndrome. [provided by RefSeq, Jan 2011],  |



**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

