



FLVC1 Polyclonal Antibody

Catalog No	YP-Ab-07312
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	FLVCR1 FLVCR
Immunogen	Synthesized peptide derived from human protein . at AA range: 481-530
Specificity	FLVC1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FLVC1_HUMAN;FLVCR1;Feline leukemia virus subgroup C receptor-related protein 1 (Feline leukemia virus subgroup C receptor hFLVCR);Heme transporter FLVCR1;FLVCR;FLVC1;FLVCR1 FLVCR;Feline leukemia virus subgroup C receptor-related protein 1 (Feline leukemia virus subgroup C receptor) (hFLVCR)
Observed Band	60 kDa
Calculated Molecular Weight	60 kDa
Cell Pathway	[Isoform 1]: Cell membrane ; Multi-pass membrane protein .; [Isoform 2]: Mitochondrion membrane ; Multi-pass membrane protein .
Tissue Specificity	Found all hematopoietic tissues including peripheral blood lymphocytes. Some expression is found in pancreas and kidney.
Function	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

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Background

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