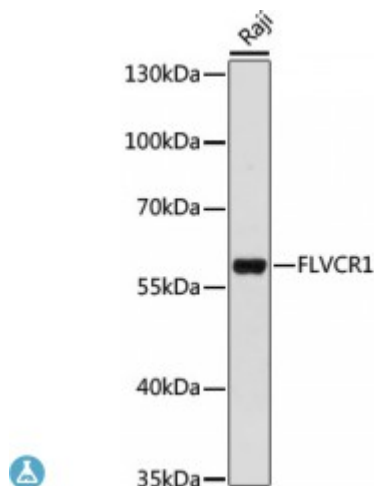


Anti-FLVCR1 Antibody



Description

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.

Model	STJ117347
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human FLVCR1 (NP_054772.1).
Gene ID	28982
Gene Symbol	FLVCR1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Found all hematopoietic tissues including peripheral blood lymphocytes, Some expression is found in pancreas and kidney
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Feline leukemia virus subgroup C receptor-related protein 1 Feline leukemia virus subgroup C receptor hFLVCR

Molecular Weight	59.863 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:24682OMIM:609033Reactome:R-HSA-917937
Alternative Names	Feline leukemia virus subgroup C receptor-related protein 1 Feline leukemia virus subgroup C receptor hFLVCR
Function	Heme transporter that exports cytoplasmic heme, It can also export coproporphyrin and protoporphyrin IX, which are both intermediate products in the heme biosynthetic pathway, Does not export bilirubin, Heme export depends on the presence of HPX and is required to maintain intracellular free heme balance, protecting cells from heme toxicity, Heme export provides protection from heme or ferrous iron toxicities in liver, brain, sensory neurons and during erythropoiesis, a process in which heme synthesis intensifies, Causes susceptibility to FeLV-C in vitro,
Cellular Localization	Cell membrane
Post-translational Modifications	N-Glycosylated,

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