SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FLVCR2 antibody

Catalog Number: SL16147R

FOR RESEARCH USE ONLY

[DATASHEET]

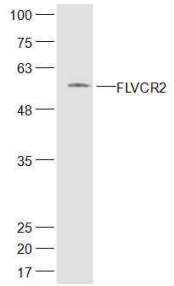
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FLVCR2
Immunogen:	KLH conjugated synthetic peptide derived from human FLVCR2: 321-420/526
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat)
Predicted MW.:	57kDa
Subcellular Location:	The cell membrane
Background:	This gene encodes a member of the major facilitator superfamily. The encoded transmembrane protein is a calcium transporter. Unlike the related protein feline leukemia virus subgroup C receptor 1, the protein encoded by this locus does not bind to feline leukemia virus subgroup C envelope protein. The encoded protein may play a role in development of brain vascular endothelial cells, as mutations at this locus have been associated with proliferative vasculopathy and hydranencephaly-hydrocephaly syndrome. Alternatively spliced transcript variants have been described.[provided by RefSeq, Aug 2010] **Function:** Acts as an importer of heme. Also acts as a transporter for a calcium-chelator complex, important for growth and calcium metabolism. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Tissue Specificity:** Expressed in non-hematopoietic tissues, with relative abundant expression in brain, placenta, lung, liver and kidney. Also expressed

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	in hematopoietic tissues (fetal liver, spleen, lymph node, thymus, leukocytes and bone marrow). Found in acidophil cells of the pituitary that secrete growth hormone and prolactin. DISEASE: Proliferative vasculopathy and hydranencephaly-hydrocephaly syndrome (PVHH) [MIM:225790]: A rare prenatally lethal disorder characterized by hydranencephaly, a distinctive glomerular vasculopathy in the central nervous system and retina, and diffuse ischemic lesions of the brain stem, basal ganglia, and spinal cord with calcifications. Hydranencephaly is a condition where the greater portions of the cerebral hemispheres and corpus striatum are replaced by cerebrospinal fluid and glial tissue. Note=The disease is caused by mutations affecting the gene represented in this entry. **Similarity:** Belongs to the major facilitator superfamily. Feline leukemia virus subgroup C receptor (TC 2.A.1.28.1) family. **Database links:** **Entrez Gene:** 55640 Human Omim: 610865 Human **SwissProt:** Q9UPI3 Human

[VALIDATION IMAGES]



Sample:
Eye (Mouse) Lysate at 40 ug
Primary: Anti-FLVCR2 (SL16147R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 57 kD
Observed band size: 57 kD

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