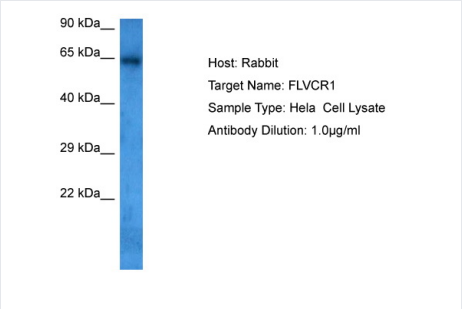
FLVCR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FLVCR1, Polyclonal Antibody
Full Product Name	FLVCR1 Antibody - C-terminal region
Product Gene Name	anti-FLVCR1 antibody
Product Synonym Gene Name	PCA; AXPC1; FLVCR; PCARP; MFSD7B
Immunogen Sequence	Synthetic peptide located within the following region: VWMFIGIILT ALIKSDLRRH NINIGITNVD VKAIPADSPT DQEPKTVMLS
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	FLVCR1 peptide (MBS3245682) is used for blocking the activity of FLVCR1 antibody (MBS3220885)
Molecular Weight	60 kDa
OMIM	609033
3D Structure	ModBase 3D Structure for Q9Y5Y0
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human FLVCR1
Product Categories/Family for anti-FLVCR1 antibody	Polyclonal
Applications Tested/Suitable for anti-FLVCR1 antibody	Western Blot (WB)
Related Product Information for anti-FLVCR1 antibody	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.
Other Notes	Small volumes of anti-FLVCR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FLVCR1 purchase	MBS3220885 is an antibody targeting FLVCR1. Also known as FLVCR1 Antibody - C-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-FLVCR1 antibody
Host: RabbitTarget Name: FLVCR1Sample Tissue: Human Hela Whole CellAntibody Dilution: 1.0ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FLVCR1. It may not necessarily be applicable to this product.

NCBI GI #	7661708
NCBI GeneID	28982
NCBI Accession #	NP_054772.1
UniProt Primary Accession #	Q9Y5Y0
UniProt Related Accession #	Q9Y5Y0
GenBank Nucleotide #	NM_014053.3
NCBI Official Full Name	feline leukemia virus subgroup C receptor-related protein 1
NCBI Official Synonym Full Names	feline leukemia virus subgroup C cellular receptor 1
NCBI Official Symbol	FLVCR1
NCBI Official Synonym Symbols	PCA; AXPC1; FLVCR; PCARP; MFSD7B; SLC49A1
UniProt Protein Name	Feline leukemia virus subgroup C receptor-related protein 1
Protein Family	Feline leukemia virus subgroup C receptor-related protein
UniProt Gene Name	FLVCR1
UniProt Synonym Gene Names	FLVCR
UniProt Entry Name	FLVC1_HUMAN
NCBI Protein Information	feline leukemia virus subgroup C receptor-related protein 1
Research Articles on FLVCR1	**1.** Altogether, these findings showed a direct association between FLVCR1 mRNA levels and hyperglycemia, suggesting that increased adipose tissue heme exportation might disrupt, or is the consequence of, impaired systemic glucose metabolism during the progression to type 2 diabetes.
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