



Anti-FLVCR1 antibody ab26075

1 References **1 图像**

概述

产品名称	Anti-FLVCR1抗体
描述	山羊多克隆抗体to FLVCR1
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human FLVCR1 aa 543-555 (C terminal). The exact sequence is proprietary. Sequence: KTVMLSKQSESAI Database link: Q9Y5Y0  Run BLAST with  Run BLAST with

常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	This antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab26075于以下的经测试应用

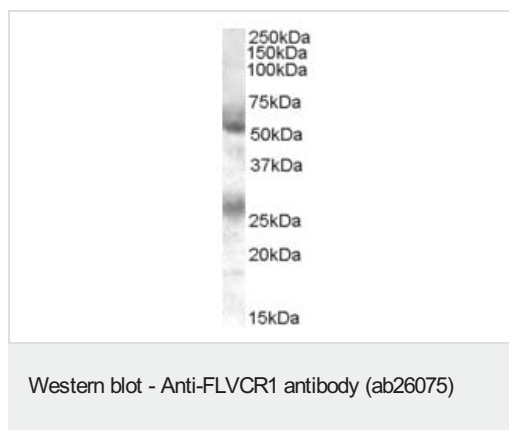
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 55,26 kDa (predicted molecular weight: 60 kDa).

靶标

功能	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 may be required to protect developing erythroid cells from heme toxicity. Heme export also provides protection from heme or ferrous iron toxicities in liver and brain. Causes susceptibility to FeLV-C in vitro.
组织特异性	Found all hematopoietic tissues including peripheral blood lymphocytes. Some expression is found in pancreas and kidney.
疾病相关	Defects in FLVCR1 are the cause of posterior column ataxia with retinitis pigmentosa (PCARP) [MIM:609033]. A neurodegenerative syndrome beginning in infancy with areflexia and retinitis pigmentosa. Nyctalopia (night blindness) and peripheral visual field loss are usually evident during late childhood or teenage years, with subsequent progressive constriction of the visual fields and loss of central retinal function over time. A sensory ataxia caused by degeneration of the posterior columns of the spinal cord results in a loss of proprioceptive sensation that is clinically evident in the second decade of life and gradually progresses. Scoliosis, camptodactyly, achalasia, gastrointestinal dysmotility, and a sensory peripheral neuropathy are variable features of the disease. Affected individuals have no clinical or radiological evidence of cerebral or cerebellar involvement. Note=Defective neuronal heme transmembrane export due to FLVCR1 mutations may abrogate the neuroprotective effects of neuroglobin and initiate an apoptotic cascade that results in the selective degeneration of photoreceptors in the neurosensory retina and sensory neurons in the posterior spinal cord.
序列相似性	Belongs to the major facilitator superfamily. Feline leukemia virus subgroup C receptor (TC 2.A.1.28.1) family.
发展阶段	Down-regulated in haemopoietic progenitor cells undergoing differentiation and hemoglobinization. Abundant in fetal liver.
细胞定位	Cell membrane.

图片



Anti-FLVCR1 antibody (ab26075) at 0.1 µg/ml + Human bone marrow tissue lysate (in RIPA buffer) at 35 µg

Predicted band size: 60 kDa

Observed band size: 55 kDa

Additional bands at: 26 kDa (possible isoform)

Primary incubation was 1 hour. Detected by chemiluminescence.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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