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Datasheet for ABIN5002761

anti-FLVCR antibody (AA 451-550) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	FLVCR (FLVCR1)
Binding Specificity:	AA 451-550
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLVCR antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FLVCR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	FLVCR (FLVCR1)
Alternative Name:	FLVCR (FLVCR1 Products)

Target Details

Background:	<p>Synonyms: Feline leukemia virus subgroup C cellular receptor, Feline leukemia virus subgroup C receptor, Feline leukemia virus subgroup C receptor related protein 1, Feline leukemia virus subgroup C receptor-related protein 1, FLVC1_HUMAN, FLVCR 1, FLVCR protein, FLVCR1, hFLVCR.</p> <p>Background: FLVCR is responsible for the exportation of cytoplasmic heme groups. It is believed that it may protect developing erythroid cells from heme toxicity. Expression of FLVCR in cells will cause susceptibility to FeLV-C (Feline leukemia virus subgroup C) in vitro. FLVCR is found in all hematopoietic tissues, including peripheral blood lymphocytes and fetal liver, and some expression is found in pancreas and kidney. It is down-regulated in haemopoietic progenitor cells undergoing differentiation and hemoglobinization.</p>
Gene ID:	28982
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months