

TFCP2C Antibody HRP Conjugated

Catalog No: #C08271H

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Description

Product Name	TFCP2C Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human TFCP2C
Conjugates	HRP
Target Name	TFCP2C
Other Names	Alpha globin transcription factor CP2; CP2; LBP 1C; LBP1C; LSF; SAA3 enhancer factor; SEF; TFCP2; TFCP2C; Transcription factor CP2; Transcription factor LSF; TFCP2_HUMAN.
Accession No.	NCBI Gene ID7024
Uniprot	Q12800
GeneID	7024;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

CP2 family gene products are reported to be involved in a-globin gene expression. Mouse CP2c (also known as a-CP2 CP2 LSF UBP-1) is a homologue of human LBP-1c with 96% amino acid sequence identity. CP2c was initially identified as an activator of the mouse a-globin gene, which binds to the consensus DNA-binding sequence CNRG-N6-CNR(G C) within a promoter element overlapping the CCAAT box. The transcriptional activity of CP2c was increased during induced differentiation of MEL cells and associated globin gene transcription. CP2c is also likely to be involved in regulation of non-globin erythroid-specific genes. It was reported that congenital erythropoietic porphyria was caused by the mutations in GATA-1 and CP2c binding sites within the promoter of the uroporphyrinogen III synthase gene, the fourth enzyme in the heme biosynthetic pathway.

Note: This product is for in vitro research use only