

FECH Antibody HRP Conjugated

Catalog No: #C08021H

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Description

Product Name	FECH 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 EPB41
Conjugates	HRP
Target Name	FECH
Other Names	EPP; FCE; Ferrochelatase protoporphyria; Ferrochelatase; Ferrochelatase mitochondrial; Heme synthetase; Protoheme ferro lyase; HEMH_HUMAN.
Accession No.	NCBI Gene ID2235
Uniprot	P22830
GeneID	2235;
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

Ferrochelatase catalyzes the insertion of the ferrous form of iron into protoporphyrin IX in the heme synthesis pathway, and is localised in the mitochondrion. Defects in ferrochelatase are associated with protoporphyria. Two transcript variants encoding different isoforms have been found for this gene. Porphyrins are a group of inherited or acquired disorders of certain enzymes in the heme biosynthetic pathway (also called porphyrin pathway). They are broadly classified as hepatic porphyrias or erythropoietic porphyrias, based on the site of the overproduction and mainly accumulation of the porphyrins (or their chemical precursors). They manifest with either skin problems, or neurological complications, or occasionally both.

Note: This product is for in vitro research use only