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Datasheet for ABIN1385988  
**anti-FECH antibody**

### Overview

Quantity:	100 µL
Target:	FECH
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FECH antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EPB41
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	FECH
Alternative Name:	FECH ( <a href="#">FECH Products</a> )
Background:	Synonyms: EPP, FCE, Ferrochelatase protoporphyria, Ferrochelatase, Ferrochelatase mitochondrial, Heme synthetase, Protoheme ferro lyase, HEMH_HUMAN. Background: Ferrochelatase catalyzes the insertion of the ferrous form of iron into

## Target Details

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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.

Gene ID: 2235

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months