

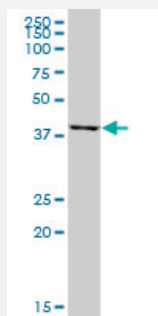
MaxPab®

FECH purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002235-B01P

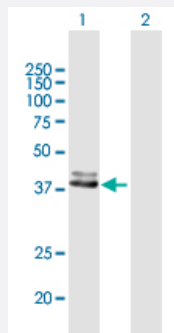
Size 50 ug

Applications



Western Blot (Tissue lysate)

FECH MaxPab polyclonal antibody. Western Blot analysis of FECH expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of FECH expression in transfected 293T cell line ([H00002235-T02](#)) by FECH MaxPab polyclonal antibody.

Lane 1: FECH transfected lysate(46.53 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human FECH protein.

Immunogen

FECH (NP_000131.2, 1 a.a. ~ 423 a.a) full-length human protein.

Sequence

MRLGANMAAALRAAGVLLRDPLASSSWRVCQPWRWKSGAAAAAVTTETAQHAQGAKPQVQ
PQKRKPKTGILMLNMGGPETLGDVHDFLLRLFLDRDLMTLP IQNKLAPFI AKRRTPKIQEQYRRIGG
GSPKIWTSKQGE GMVKLLDELSPNTAPHKYYIGFRYVHPLTEEAIEEMERDGLERAIAFTQYPQYS
CSTTGSSSLNAIYRYNQVGRKPTMKWSTIDRWPTHLLIQCFADHILKELDHFPLEKRSEVVILFSA
HSLPMSVVNRGDPYPQEV SATVQKVMERLEYCNPYRLVWQSKVGPM PWLGPQTDES IGLCER
GRKNILLVPIAFTSDHIETLYELDIEYSQVLAKECGVENIRRAESLNGNPLFSKALADLVHSHIQSNEL
CSKQLTLSCPLCVNPVCRETKSFFTSQQL

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — FECH

Entrez GeneID	2235
GeneBank Accession#	NM_000140.2
Protein Accession#	NP_000131.2
Gene Name	FECH
Gene Alias	EPP, FCE
Gene Description	ferrochelatase (protoporphyrin)
Omim ID	177000
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is localized to the mitochondrion, where it catalyzes the insertion of the ferrous form of iron into protoporphyrin IX in the heme synthesis pathway. Mutations in this gene are associated with erythropoietic protoporphyria. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

ferrochelatase|heme synthetase|protoheme ferro-lyase

Pathway

- [Metabolic pathways](#)
- [Porphyrin and chlorophyll metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Porphyria](#)
- [Protoporphyria](#)
- [Tobacco Use Disorder](#)