

Rabbit anti-Human, Rat FECH Polyclonal Antibody | anti-FECH antibody

FECH antibody - N-terminal region

CATALOG # AAA199008	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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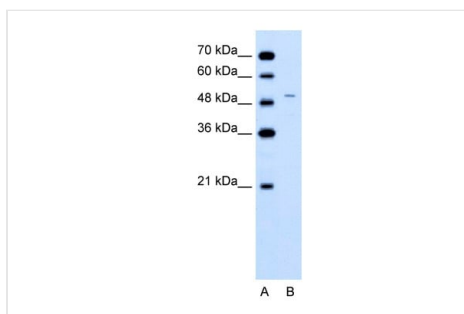
PRODUCT SYNONYMS

FECH; Polyclonal Antibody; FECH antibody - N-terminal region; anti-FECH antibody

PRODUCT SPECIFICATIONS

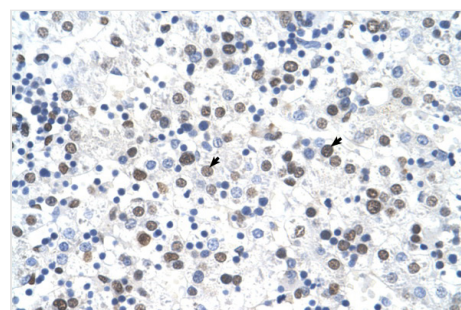
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QH AQGAKPQVQP QKRYESNIRK PKTGILMLNM GGPETLGDVH DFLRLFL
Sequence Length	429
Applicable Applications for anti-FECH antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FECH
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-FECH Antibody Titration: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate
FECH is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



IHC (Immunohistochemistry)

Rabbit Anti-FECH Antibody
Paraffin Embedded Tissue: Human Liver
Cellular Data: Hepatocytes
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-FECH antibody	This is a rabbit polyclonal antibody against FECH. It was validated on Western Blot and immunohistochemistry Target Description: Ferrochelatase is localized to the mitochondrion where it catalyzes the insertion of the ferrous form of iron into protoporphyrin IX in the heme synthesis pathway. Defects in ferrochelatase are associated with protoporphyria.Ferrochelatase is localized to the mitochondrion where it catalyzes the insertion of the ferrous form of iron into protoporphyrin IX in the heme synthesis pathway. Defects in ferrochelatase are associated with protoporphyria. Two transcript variants encoding different isoforms have been found for this gene.Ferrochelatase is localized to the mitochondrion where it catalyzes the insertion of the ferrous form of iron into protoporphyrin IX in the heme synthesis pathway. Defects in ferrochelatase are associated with protoporphyria. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-FECH antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	60499025
NCBI GeneID	2235
NCBI Accession #	NP_001012533
NCBI GenBank Nucleotide #	NM_001012515
UniProt Accession #	Q8NANO; P22830
Molecular Weight	47kDa
NCBI Official Full Name	ferrochelatase, mitochondrial isoform a
NCBI Official Synonym Full Names	ferrochelatase
NCBI Official Symbol	FECH
NCBI Official Synonym Symbols	EPP; FCE; EPP1
NCBI Protein Information	ferrochelatase, mitochondrial
UniProt Protein Name	Ferrochelatase, mitochondrial
UniProt Gene Name	FECH
UniProt Entry Name	HEMH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fech-antibody-western-blot-immunohistochemistry-elisa/199008>