

Rabbit FECH Polyclonal Antibody | anti-FECH antibody

FECH Antibody

CATALOG # AAA323097	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

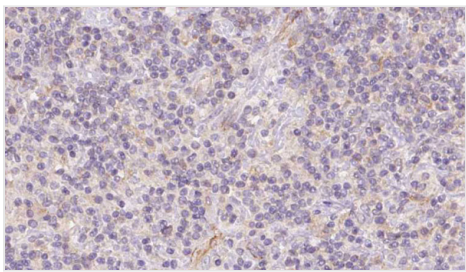
PRODUCT SYNONYMS

FECH; Polyclonal Antibody; FECH Antibody; EPP; FCE; Fch; Fcl; fech; Ferrochelatase (protoporphyrin); Ferrochelatase; Ferrochelatase mitochondrial; Heme synthase; Heme synthetase; HEMH_HUMAN; mitochondrial; Protoheme ferro lyase; Protoheme ferro-lyase; Protoporphyrin; anti-FECH antibody

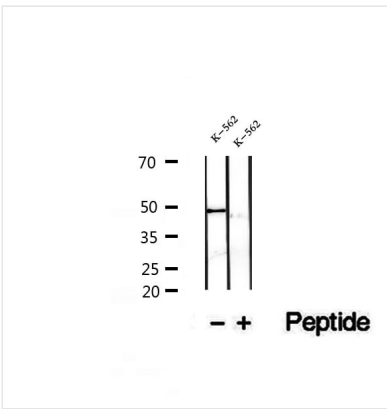
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FECH antibody detects endogenous levels of FECH.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	423
Applicable Applications for anti-FECH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FECH.
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323097 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of K-562 cells, using FECH antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FECH antibody	Function: Catalyzes the ferrous insertion into protoporphyrin IX. Subunit Structure: Homodimer. Similarity: Belongs to the ferrochelatase family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	60499021
NCBI GeneID	2235
NCBI Accession #	NP_000131.2
NCBI GenBank Nucleotide #	NM_000140.4
UniProt Accession #	P22830; Q8IXN1; Q8NAN0; A8KA72
Molecular Weight	Observed: 46 kDa Predicted: 48 kDa
NCBI Official Full Name	ferrochelatase, mitochondrial isoform b
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

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.