

DNAxPAb

Hard-to-Find
Antibody

FECH DNAxPAb

Catalog # H00002235-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FECH DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRLGANMAAALRAAGVLLRDPLASSSWRVCQPWRWKSGAAAAAVTTETAQHAQGAKPQVQ PQKRKPKTGILMLNMGGPETLGDVHDFLLRLFLDRDLMTLPQNKLAPFIAKRRTPKIQEQYRRIGG GSPIKWTSKQGEGMVKLLDELSPNTAPHKYYGFRYVHPLTEEAIEEMERDGLERAIAFTQYPQYS CSTTGSSSLNAIYYNQVGRKPTMKWSTIDRWPTHLLIQCFADHILKELDHFPLEKRSEVVILFSA HSLPMSVVNRGDPYPQEVSATVQKVMERLEYCNPYRLVWQSKVGMPWLGPTDESIKGLCER GRKNILLVPIAFTSDHIETLYELDIEYSQVLAKECGVENIRRAESLNGNPLFSKALADLVHSHIQSNEL CSKQLTLSCPLCVNPVCRETKSFFTSQQL
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)
- [Protoporphyrin](#)
- [Tobacco Use Disorder](#)