

Product datasheet

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ARG58667 anti-FECH antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes FECH

Tested Reactivity Hu, Ms, Rat
Tested Application IHC-P, WB
Host Rabbit
Clonality Polyclonal

Isotype IgG

Target Name FECH

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-200 of Human FECH (NP_000131.2).

Conjugation Un-conjugated

Alternate Names EPP; EC 4.99.1.1; Ferrochelatase, mitochondrial; FCE; Protoheme ferro-lyase; Heme synthase

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	
Observed Size	50 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol FECH

Gene Full Name ferrochelatase

Background 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. A pseudogene of this gene is found on chromosome 3.[provided by

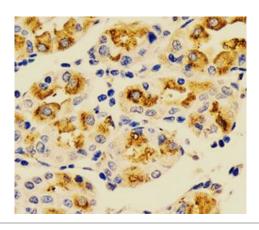
RefSeq, May 2010]

Function Catalyzes the ferrous insertion into protoporphyrin IX. [UniProt]

Calculated Mw 48 kDa

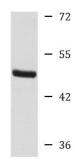
Cellular Localization Mitochondrion inner membrane, Peripheral membrane protein, Matrix side. [UniProt]

Images



ARG58667 anti-FECH antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human stomach stained with ARG58667 anti-FECH antibody at 1:100 dilution.



Mouse brain

ARG58667 anti-FECH antibody WB image

Western blot: 25 μg of Mouse brain lysate stained with ARG58667 anti-FECH antibody at 1:1000 dilution.