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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FH polyclonal antibody (A01)

Catalog # : H00002271-A01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length recombinant FH.

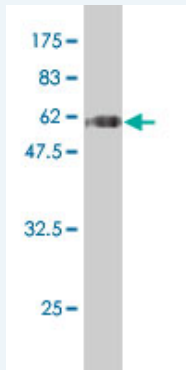
Immunogen: FH (AAH03108, 33 a.a. ~ 510 a.a) full-length recombinant protein with GST tag.

Sequence:
 VPSFWPPNAARMASQNSFRIEYDTFGELKVPNDKYYGAQTVRSTMNFKI
 GGVTTERMPTPVKAF GILKRAAAEVNQDYGLDPKIANAIMKAADEVAEGKL
 NDHFPLVWQTGSGTQTNMNVNEISNRAIEMLGELGSKIPVHPNDHVN
 KSQSSNDTFPTAMHIAAAIEVHEVLLPGLQKLHDALDAKSKEFAQIIKIGRT
 HTQDAVPLTLGQEFSGYVQQVKYAMTRIKAAMPRIYELAAGGTAVGTGL
 NTRIGFAEKVAAKVAALTGLPFVTAPNKFEALAAHDALVELSGAMNTTAC
 SLMKIANDIRFLGSGPRSGLGELILPENEPGSSIMPGKVNPTQCEAMTMV
 AAQVMGNHVAVTVGGSNHGFELNVFKPMMIKNVLHSARLLGDASVSFTE
 NCVVGIQANTERINKLMNESLMLVTALNPHIGYDKAAKIAKTAHKNGSTLKE
 TAIELGYLTAEQFDEWVKPKDMLGPK

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (78.69 KDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Application Image

Western Blot (Recombinant protein)

ELISA

Gene Information

Entrez GeneID: [2271](#)

GeneBank Accession#: [BC003108](#)

Protein Accession#: [AAH03108](#)

Gene Name: FH

Gene Alias: HLRCC,LRCC,MCL,MCUL1

Gene Description: fumarate hydratase

Omim ID: [136850](#), [150800](#), [605839](#), [606812](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is an enzymatic component of the tricarboxylic acid (TCA) cycle, or Krebs cycle, and catalyzes the formation of L-malate from fumarate. It exists in both a cytosolic form and an N-terminal extended form, differing only in the translation start site used. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension generates the same form as in the cytoplasm. It is similar to some thermostable class II fumarases and functions as a homotetramer. Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy. [provided by RefSeq]

Other Designations: OTTHUMP00000037573,fumarase,multiple hereditary cutaneous leiomyomata

Gene Pathway

[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
[Biosynthesis of phenylpropanoids](#) [Citrate cycle \(TCA cycle\)](#) [Metabolic pathways](#)
[Pathways in cancer](#) [Reductive carboxylate cycle \(CO2 fixation\)](#) [Renal cell carcinoma](#)

Related Disease

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[Kidney Neoplasms](#) [Leiomyoma](#) [Leiomyomatosis](#) [Multiple Sclerosis](#) [Narcolepsy](#)
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