

FH Polyclonal Antibody

Catalog # AP63391

Product Information

| Application | WB |
|-------------------|-------------------|
| Primary Accession | <u>P07954</u> |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 54637 |

Additional Information

| Gene ID | 2271 |
|--------------------|---|
| Other Names | Fumarate hydratase, mitochondrial (Fumarase) (EC 4.2.1.2) |
| Dilution | WB~~WB: 1:1000 |
| Format | PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol. |
| Storage Conditions | -20°C |

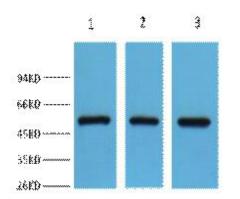
Protein Information

| Name | FH {ECO:0000303 PubMed:27037871, ECO:0000312 HGNC:HGNC:3700} |
|-------------------|--|
| Function | Catalyzes the reversible stereospecific interconversion of fumarate to L-malate (PubMed: <u>30761759</u>). Experiments in other species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable). |
| Cellular Location | [Isoform Mitochondrial]: Mitochondrion |
| Tissue Location | Expressed in red blood cells; underexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology. |

Background

Also acts as a tumor suppressor.

Images



Western blot analysis of 1) Hela, 2) Mouse Brain, 3) HepG2, diluted at 1:2000.. Secondary antibody was diluted at 1:20000

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