

## Product Information

**Size:**

100ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:3000

**Protein Background:**

Fumarase (FH) is an enzyme that catalyzes the reversible hydration/dehydration of fumarate to malate in the mitochondria. Fumarase deficiency is caused by a mutation in the fumarase gene in humans. Fumarase deficiency is one of the few known deficiencies of the Krebs cycle or tricarboxylic acid cycle, the main enzymatic pathway of cellular aerobic respiration.

**Gene ID:**

FH

**Uniprot**

P07954

**Synonyms:**

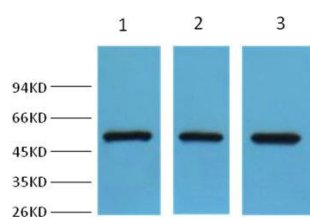
FH; Fumarase; fumarate hydratase; Fumarate hydratase, mitochondrial; FUMH; HLRCC; LRCC; MCL; MCUL1

**Immunogen:****Storage:**

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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Western blot analysis of Hela (lane 1), mouse brain (lane 2) and HepG2 (lane 3), using diluted at 1:2,000.