



Fumarase/FH Antibody

E12-070

Catalog Number: E12-070

Amount: 100µg/100µl

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.

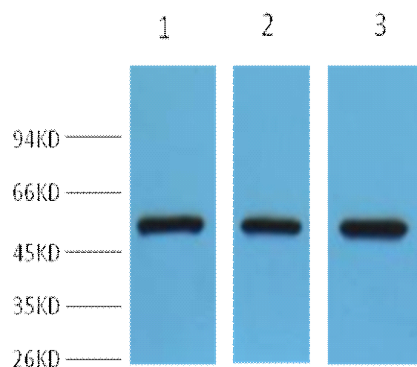
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Specificity/Sensitivity: Fumarase rabbit polyclonal antibody detects endogenous fumarase proteins (~50KD).

Reactivity: Human, Mouse, Rat

Applications: WB: 1:1,000-1:2,000



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

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