

Fumarase/FH Rabbit Polyclonal Antibody

Catalog TDY070C TDY070F

Tel: 010-82908854

Quantity 50μL 100μL

Free: 400-0620-621

Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H, M, R	~50KD	IgG

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

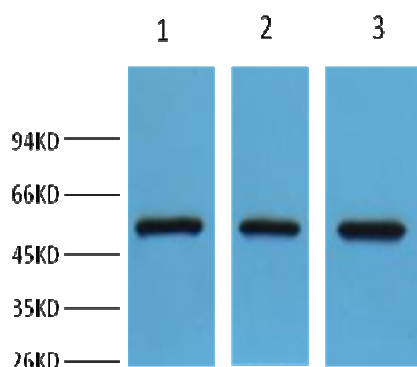
Store at **-20°C**. **Do not aliquot the antibody.**

Recommended dilutions: WB: 1:1,000

Optimal dilutions should be determined by the end user.

Specificity: Fumarase antibody detects endogenous fumarase proteins.

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.



Western blot analysis of 1) HeLa, 2) Mouse Brain, 3) HepG2, with FH Rabbit

pAb diluted at 1:2,000.