



ELK Biotechnology

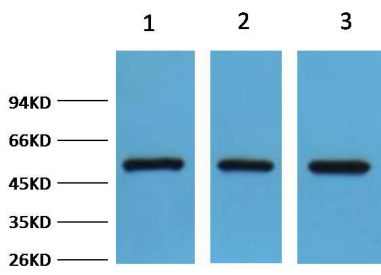
FH/Fumarase Rabbit pAb

Catalog NO.: EA022

For research use only.

Overview

Product name	FH/Fumarase Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IF
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	50kDa
GeneID (Human)	2271
Human Swiss-Prot No.	P07954
Cellular localization	N/A
Alternative Names	Fumarase, fumarate hydratase, HLRCC, LRCC, MCL, MCUL1
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.