

FH/Fumarase Rabbit pAb

Cat No: HR1APEA022

For research use only

Overview

Product Name	FH/Fumarase Rabbit pAb
Source	Rabbit
Applications	WB, IF
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	WB 1:1,000
Immunogen	
Species	Rabbit
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	1mg/ml
Observed band	50kDa
GeneID?Human?	2271
Human Swiss-Prot No.	
Cellular localization	
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.