

FH Fumarase Monoclonal Antibody(2B11)

Catalog # AP63379

Product Information

Application	WB, IF
Primary Accession	P07954
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	54637

Additional Information

Gene ID	2271
Other Names	Fumarate hydratase, mitochondrial (Fumarase) (EC 4.2.1.2)
Dilution	WB~~WB: 1:1000-2000 IF~~1:50~200
Format	PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.
Storage Conditions	-20°C

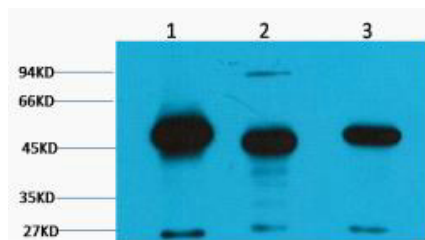
Protein Information

Name	FH {ECO:0000303 PubMed:27037871, ECO:0000312 HGNC:HGNC:3700}
Function	Catalyzes the reversible stereospecific interconversion of fumarate to L-malate (PubMed: 30761759). Experiments in other species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable).
Cellular Location	[Isoform Mitochondrial]: Mitochondrion
Tissue Location	Expressed in red blood cells; underexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology.

Background

Also acts as a tumor suppressor.

Images



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain tissue, diluted at 1:2000.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.