

FAM54B Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9541a

Product Information

Application	WB, FC, E
Primary Accession	Q9H019
Other Accession	Q5XII9 , Q9CWE0 , Q3ZBW7
Reactivity	Human, Mouse
Predicted	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24134
Calculated MW	31957
Antigen Region	263-292

Additional Information

Gene ID	56181
Other Names	Mitochondrial fission regulator 1-like, MTFR1L, FAM54B
Target/Specificity	This FAM54B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-292 amino acids from the C-terminal region of human FAM54B.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FAM54B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MTFR1L (HGNC:28836)
Synonyms	FAM54B
Function	Mitochondrial protein required for adaptation of mitochondrial dynamics to

metabolic changes. Regulates mitochondrial morphology at steady state and mediates AMPK-dependent stress-induced mitochondrial fragmentation via the control of OPA1 levels.

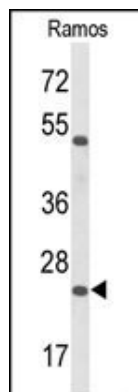
Cellular Location

Mitochondrion outer membrane; Peripheral membrane protein; Cytoplasmic side

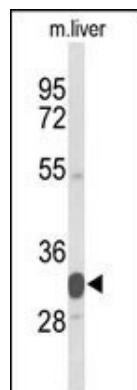
References

Yamada, S., et al. *Oncogene* 23(35):5901-5911(2004)
Simpson, J.C., et al. *EMBO Rep.* 1(3):287-292(2000)

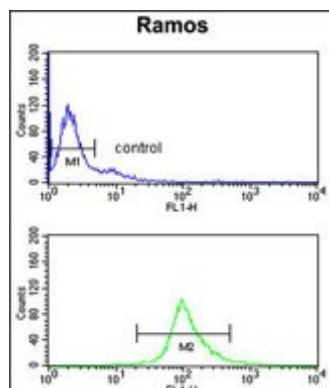
Images



Western blot analysis of FAM54B Antibody (C-term) (Cat.#AP9541a) in Ramos cell line lysates (35ug/lane). FAM54B (arrow) was detected using the purified Pab;



Western blot analysis of FAM54B Antibody (C-term) (Cat.#AP9541a) in mouse liver tissue lysates (35ug/lane). FAM54B (arrow) was detected using the purified Pab.



FAM54B Antibody (C-term) (Cat. #AP9541a) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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