

MTFR1 Rabbit pAb

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Catalog # AP58695

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q15390
Predicted	Rat, Dog, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37000
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MTFR1
Epitope Specificity	201-300/333
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion (By similarity). Note=May be associated with the inner and the outer mitochondrial membrane (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a mitochondrial protein that is characterized by a poly-proline rich region. A chicken homolog of this protein promotes mitochondrial fission and the mouse homolog protects cells from oxidative stress. A related pseudogene of this gene is found on chromosome X.

Additional Information

Gene ID	9650
Other Names	Mitochondrial fission regulator 1, Chondrocyte protein with a poly-proline region, MTFR1, CHPPR, FAM54A2, KIAA0009
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MTFR1
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Synonyms	CHPPR, FAM54A2, KIAA0009
Function	May play a role in mitochondrial aerobic respiration. May also regulate mitochondrial organization and fission (By similarity).
Cellular Location	Mitochondrion. Note=May be associated with the inner and the outer mitochondrial membrane

Background

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