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FAM73B Rabbit pAb

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Catalog # AP56064

Product Information

Application	WB
Primary Accession	Q7L4E1
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65531
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM73B
Epitope Specificity	51-150/593
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	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Chromosome 9 consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias. The FAM73B gene product has been provisionally designated FAM73B pending further characterization.

Additional Information

Gene ID	84895
Other Names	Mitoguardin 2, Protein FAM73B, MIGA2 {ECO:0000303|PubMed:26711011, ECO:0000312|HGNC:HGNC:23621}
Dilution	WB=1:500-2000
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.

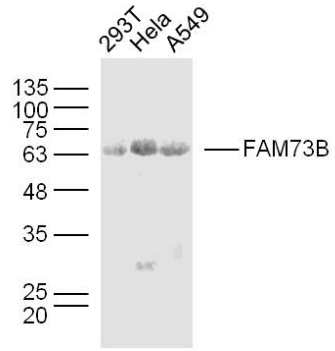
Protein Information

Name	MIGA2 {ECO:0000303|PubMed:26711011, ECO:0000312|HGNC:HGNC:23621}
Function	Regulator of mitochondrial fusion: acts by forming homo- and heterodimers at the mitochondrial outer membrane and facilitating the formation of PLD6/MitoPLD dimers. May act by regulating phospholipid metabolism via PLD6/MitoPLD.
Cellular Location	Mitochondrion outer membrane; Multi-pass membrane protein

Background

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Images



Protein:
293T(human) lysate at 40ug;
Hela(human) lysate at 40ug;
A549(human) lysate at 40ug;
Primary: rabbit Anti-FAM73B (AP56064) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(AP56064-HRP) at 1: 5000;
Predicted band size: 65 kD
Observed band size: 65 kD

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