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FITM1 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13569

Product Information

Application	WB
Primary Accession	A5D6W6
Other Accession	NM_203402, NP_981947
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32207

Additional Information

Gene ID	161247
Alias Symbol	FIT1
Other Names	Fat storage-inducing transmembrane protein 1, Fat-inducing protein 1, FITM1, FIT1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-FITM1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	FITM1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

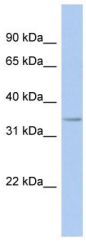
Name	FITM1 {ECO:0000255|HAMAP-Rule:MF_03229, ECO:0000312|HGNC:HGNC:33714}
Function	Plays an important role in the formation of lipid droplets (LDs) which are storage organelles at the center of lipid and energy homeostasis (By similarity) (PubMed:18160536). Directly binds to diacylglycerol (DAGs) and triacylglycerol (By similarity).
Cellular Location	Endoplasmic reticulum membrane {ECO:0000255|HAMAP-Rule:MF_03229, ECO:0000269|PubMed:18160536}; Multi- pass membrane protein {ECO:0000255|HAMAP-Rule:MF_03229}

Tissue Location	Primarily expressed in heart and skeletal muscle.

References

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Kadereit B.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:94-99(2008).

Images



WB Suggested Anti-FITM1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: 721_B cell lysate

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