

# FITM1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13569

## Product Information

Application	WB
Primary Accession	<a href="#">A5D6W6</a>
Other Accession	<a href="#">NM_203402</a> , <a href="#">NP_981947</a>
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: <a href="#">18160536</a> ). 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**

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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**

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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'.