

# FITM1 antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI13569

#### **Product Information**

Application WB
Primary Accession A5D6W6

Other Accession <u>NM 203402, NP 981947</u>

**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,

FII 1

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,

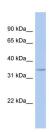
ECO:0000269 | PubMed:18160536}; Multi- pass membrane protein

{ECO:0000255 | HAMAP-Rule:MF\_03229}

### 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  $\mu g/ml$ 

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'.