

FITM1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13569**Specification**

FITM1 antibody - middle region - Product Information

Application	WB
Primary Accession	A5D6W6
Other Accession	NM_203402 , NP_981947
Reactivity	Human, Mouse, Rat, Rabbit, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 32kDa KDa

FITM1 antibody - middle region - 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.

FITM1 antibody - middle region - 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 (PubMed:18160536) (By similarity). 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}

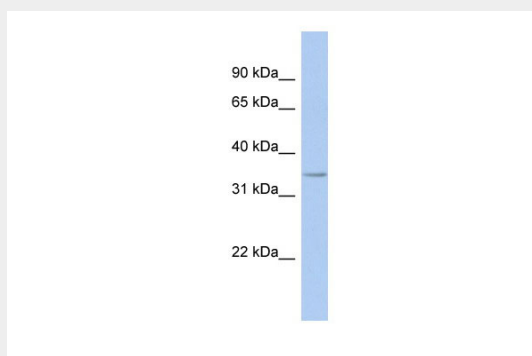
Tissue Location

Primarily expressed in heart and skeletal muscle.

FITM1 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FITM1 antibody - middle region - Images

WB Suggested Anti-FITM1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: 721_B cell lysate

FITM1 antibody - middle region - 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).