

FITM1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56116**Specification**

FITM1 Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	A5D6W6
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32207

FITM1 Polyclonal Antibody - Additional Information**Gene ID** 161247**Other Names**

Fat storage-inducing transmembrane protein 1 {ECO:0000255|HAMAP-Rule:MF_03229, ECO:0000303|PubMed:18160536}, Fat-inducing protein 1 {ECO:0000255|HAMAP-Rule:MF_03229}, FITM1 {ECO:0000255|HAMAP-Rule:MF_03229, ECO:0000312|HGNC:HGNC:33714}

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

FITM1 Polyclonal Antibody - 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

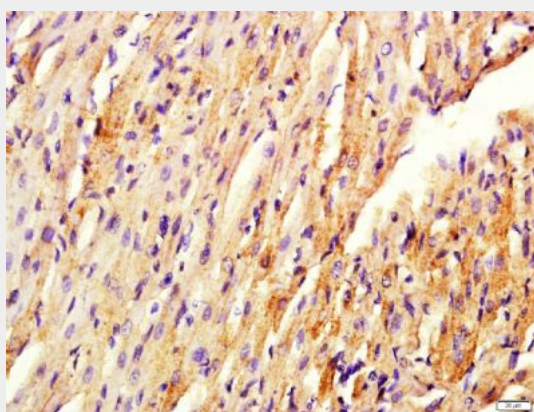
Primarily expressed in heart and skeletal muscle.

FITM1 Polyclonal Antibody - Protocols

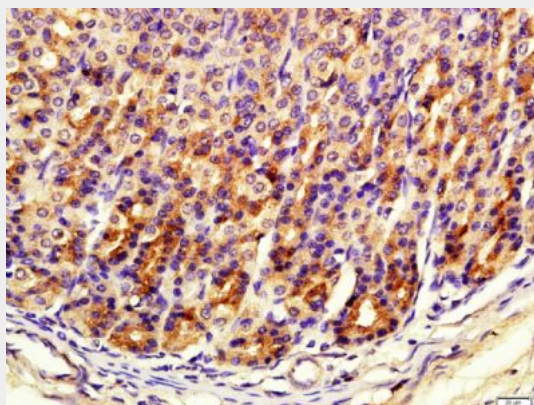
Provided below are standard protocols that you may find useful for product applications.

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

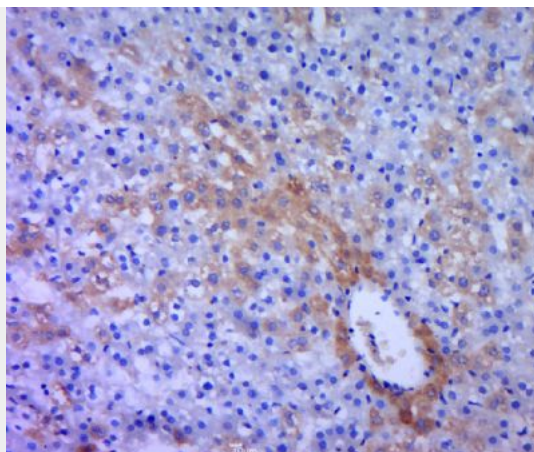
FITM1 Polyclonal Antibody - Images



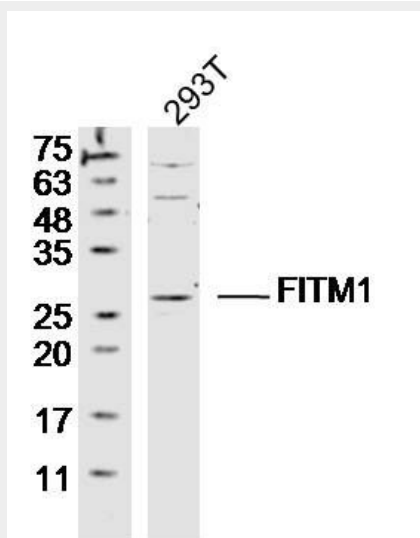
Paraformaldehyde-fixed, paraffin embedded (Rat heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Fat inducing transcript; FITM1) Polyclonal Antibody, Unconjugated (bs-16090R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Fat inducing transcript; FITM1) Polyclonal Antibody, Unconjugated (bs-16090R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat liver tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FITM1) Polyclonal Antibody, Unconjugated (bs-16090R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Protein: 293T(human) lysate at 40ug;
Primary: rabbit Anti-FITM1 (bs-16090R) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000;
Predicted band size: 32 kD
Observed band size: 28 kD