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

Specification

FITM1 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
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}

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

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

Storage
Store at -20 ℃ 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 ℃.

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 (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}

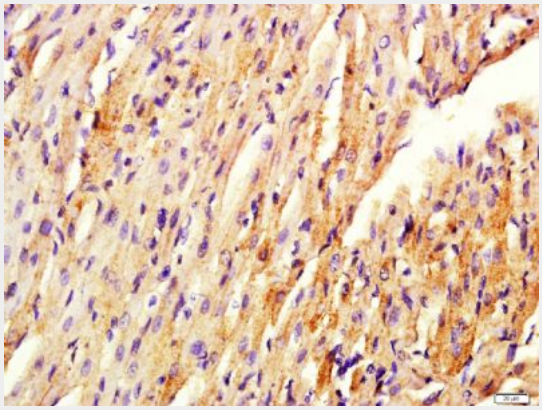
Tissue Location
Primarily expressed in heart and skeletal muscle.

FITM1 Polyclonal Antibody - Protocols

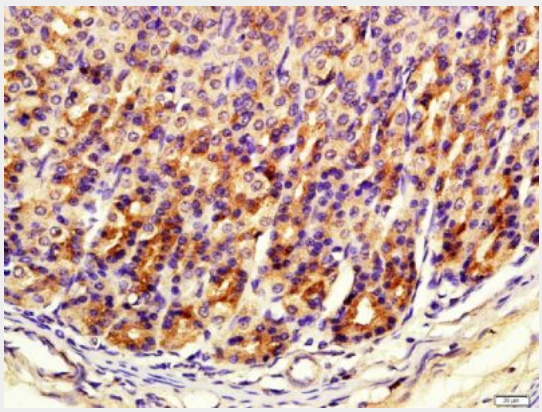
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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℃ for 30min; Antibody incubation with (Fat inducing transcript; FITM1) Polyclonal Antibody, Unconjugated (bs-16090R) at 1:400 overnight at 4℃, 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

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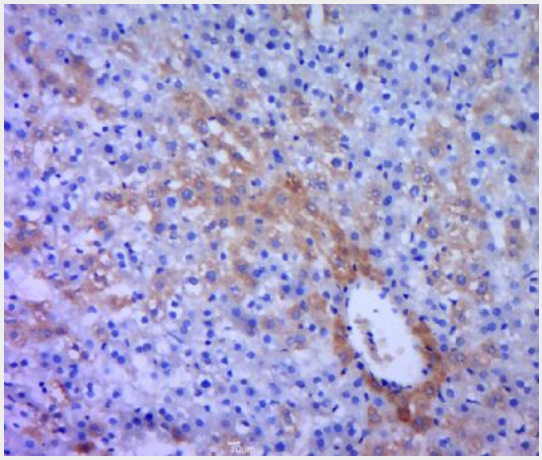
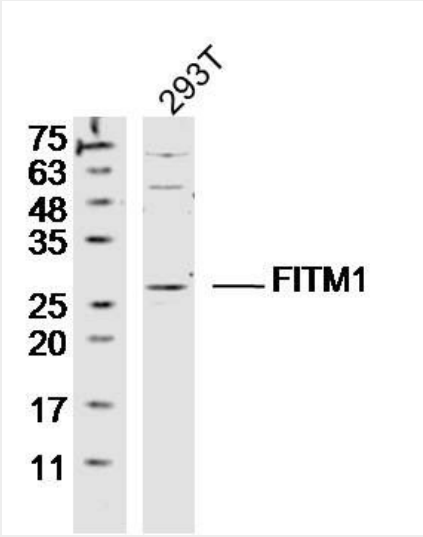
citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37∑C for 30min; Antibody incubation with (Fat inducing transcript; FITM1) Polyclonal Antibody, Unconjugated (bs-16090R) at 1:400 overnight at 4∑C, followed by a 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