

Anti-FITM1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 32 kDa. Actual: 28 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (Rat heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Fat inducing transcript; FITM1) Polyclonal Antibody, Unconjugated (TMAB-06038) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Fat inducing transcript; FITM1) Polyclonal Antibody, Unconjugated (TMAB-06038) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.</p> <p>3. Paraformaldehyde-fixed, paraffin embedded (rat liver tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FITM1) Polyclonal Antibody, Unconjugated (TMAB-06038) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.</p> <p>4. Protein: 293T (human) lysate at 40 µg; Primary: rabbit Anti-FITM1 (TMAB-06038) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1: 5000; Predicted band size: 32 kD Observed band size: 28 kD</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human FITM1
Antigen Species: Human
Gene ID: 161247
Uniprot ID: A5D6W6

Research Background

FIT1 belongs to an evolutionarily conserved family of proteins involved in fat storage (Kadereit et al., 2008 [PubMed 18160536]).[supplied by OMIM, May 2008]

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