

Anti-GFM2 Antibody

ER1909-51



Product Type: Rabbit polyclonal IgG, primary antibodies

Species reactivity: Human, Rat

Applications: WB, IHC-P, IF-Tissue

Molecular Wt: 87 KDa

Description: Mitochondrial GTPase that mediates the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis. Acts in collaboration with MRRF. GTP hydrolysis follows the ribosome disassembly and probably occurs on the ribosome large subunit. Not involved in the GTP-dependent ribosomal translocation step during translation elongation.

Immunogen: KLH conjugated synthetic peptide derived from human GFM2 151-250/779

Positive control: Widely expressed.

Subcellular location: Mitochondrial.

Database links: SwissProt: Q969S9 Human

Recommended Dilutions:

WB 1:500-2000

IHC-P 1:100-500

IF-tissue 1:100-500

Storage Buffer: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage Instruction: Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co.,Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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www.huabio.cn

Images

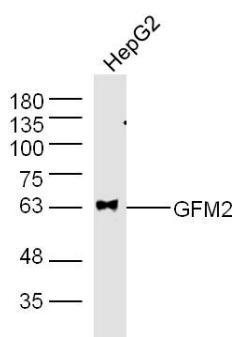


Fig1: Protein: A549(human) lysates at 40ug;
 Primary: Rabbit Anti-GFM2 (ER1909-51) at 1:300;
 Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1: 10000;
 Predicted band size:87 kD
 Observed band size:63 kD

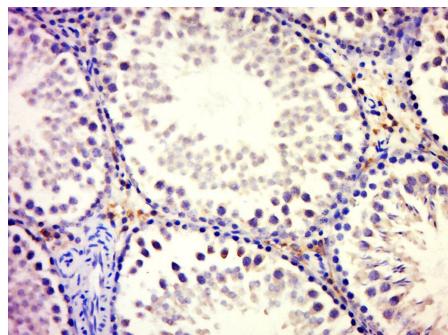


Fig2: Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GFM2) Polyclonal Antibody, Unconjugated (ER1909-51) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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