

bs-13338R**[Primary Antibody]****GFM1 Rabbit pAb****BioSS**
ANTIBODIES

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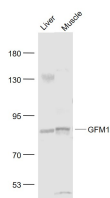
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Dog, Horse)
GeneID: 85476	SWISS: Q96RP9	Predicted MW.: 80 kDa
Target: GFM1		Subcellular Location: Cytoplasm
Immunogen: KLH conjugated synthetic peptide derived from human GFM1: 401-500/751.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Mitochondrial GTPase that catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively. Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome. Does not mediate the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis.		

— VALIDATION IMAGES —

Sample: Liver(Mouse) Lysate at 40 ug Muscle
(Mouse) Lysate at 40 ug Primary: Anti- GFM1
(bs-13338R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 80 kD Observed
band size: 80 kD