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Datasheet for ABIN1699483

anti-GFM1 antibody (AA 401-500) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	GFM1
Binding Specificity:	AA 401-500
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFM1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GFM1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	GFM1
Alternative Name:	GFM1 (GFM1 Products)

Target Details

Background:	<p>Synonyms: COXPD1, EF-Gmt, EFG, EFG1, EFGM, EFGM_HUMAN, EGF1, Elongation factor G 1, Elongation factor G 1 mitochondrial, Elongation factor G, Elongation factor G1, FLJ12662, FLJ13632, FLJ20773, G elongation factor mitochondrial 1, G translation elongation factor mitochondrial, GFM 1, GFM, gfm1, hEFG1, mEF G 1, mEF-G 1, mEFG 1, mitochondrial, Mitochondrial elongation factor G1.</p> <p>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.</p>
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Gene ID:	85476
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months