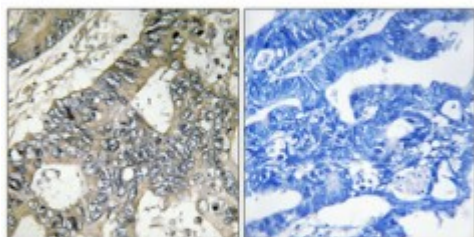


Anti-GUF1 antibody



Description	Rabbit polyclonal to GUF1.
Model	STJ93453
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human GUF1
Immunogen Region	390-470 aa, Internal
Gene ID	60558
Gene Symbol	GUF1
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	GUF1 Polyclonal Antibody detects endogenous levels of GUF1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Translation factor GUF1, mitochondrial Elongation factor 4 homolog EF-4 GTPase GUF1 Ribosomal back-translocase
Molecular Weight	74.328 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:25799OMIM:617064
Alternative Names	Translation factor GUF1, mitochondrial Elongation factor 4 homolog EF-4 GTPase GUF1 Ribosomal back-translocase
Function	Promotes mitochondrial protein synthesis. May act as a fidelity factor of the translation reaction, by catalyzing a one-codon backward translocation of tRNAs on improperly translocated ribosomes. Binds to mitochondrial ribosomes in a GTP-dependent manner.
Cellular Localization	Mitochondrion inner membrane

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