

Rabbit anti-Human GUF1 Polyclonal Antibody | anti-GUF1 antibody

GUF1 Antibody (N-term)

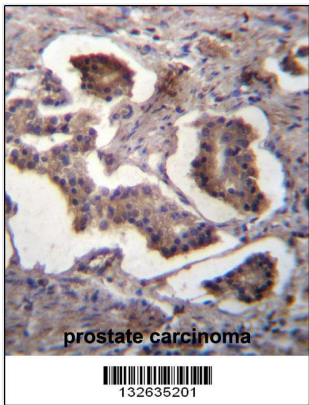
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287700	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

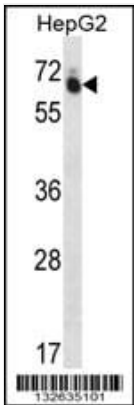
GUF1; Polyclonal Antibody; GUF1 Antibody (N-term); Translation factor GUF1; mitochondrial {ECO:0000255|HAMAP-Rule:MF_03137}; 365-; Elongation factor 4 homolog {ECO:0000255|HAMAP-Rule:MF_03137}; EF-4 {ECO:0000255|HAMAP-Rule:MF_03137}; GTPase GUF1 {ECO:0000255|HAMAP-Rule:MF_03137}; Ribosomal back-translocase {ECO:0000255|HAMAP-Rule:MF_03137}; GUF1 {ECO:0000255|HAMAP-Rule:MF_03137}; anti-GUF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GUF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-212 amino acids from the N-terminal region of human GUF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	183-212
Sequence Length	669
Applicable Applications for anti-GUF1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
GUF1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GUF1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GUF1 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the GUF1 antibody detected the GUF1 protein (arrow).

ADDITIONAL INFORMATION

References	Vasilescu, J., et al. J. Proteome Res. 6(1):298-305(2007) Kiser, G.L., et al. Yeast 11(13):1311-1316(1995)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157426893
NCBI GeneID	60558
NCBI Accession #	NP_068746.2
NCBI GenBank Nucleotide #	NM_021927.2
UniProt Accession #	Q8N442; Q5XKM8; Q9H710; Q9H8U4
Molecular Weight	74328
NCBI Official Full Name	translation factor GUF1, mitochondrial
NCBI Official Synonym Full Names	GUF1 GTPase
NCBI Official Symbol	GUF1
NCBI Official Synonym Symbols	EF-4
NCBI Protein Information	translation factor GUF1, mitochondrial
UniProt Protein Name	Translation factor GUF1, mitochondrial
UniProt Gene Name	GUF1
UniProt Synonym Gene Names	EF-4
UniProt Entry Name	GUF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.