Product Name: GUF1 Rabbit Polyclonal Antibody
Catalog #: APRab11860

Summary

Production Name	GUF1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GUF1
Alternative Names	GUF1; Translation factor GUF1; mitochondrial; Elongation factor 4 homolog; EF-4; GTPase GUF1; Ribosomal back-translocase
Gene ID	60558.0
SwissProt ID	Q8N442.The antiserum was produced against synthesized peptide derived from human GUF1. AA range:421-470

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:20000
Molecular Weight	

Background

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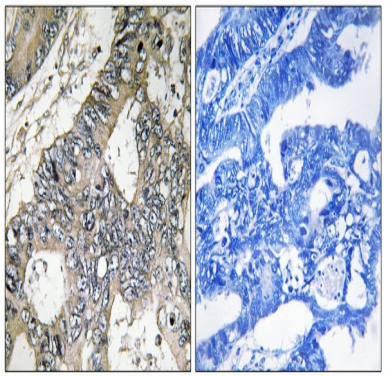
This gene encodes a GTPase that triggers back-translocation of the elongating ribosome during mitochondrial protein synthesis. The protein contains a highly conserved C-terminal domain not found in other GTPases that facilitates tRNA binding. The encoded protein is thought to prevent misincorporation of amino acids in stressful, suboptimal conditions. An allelic variant in this gene has been associated with early infantile epileptic encephalopathy-40. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016],similarity:Belongs to the GTP-binding elongation factor family. LepA subfamily.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using GUF1 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.