

GFM1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251915

Unit: 0.1 mg

Description:

Elongation factor G, mitochondrial (GFM1) is a mitochondrial GTPase that plays a central role in protein elongation by promoting the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. GFM1 does not mediate the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis. Defects in GFM1 are the cause of combined oxidative phosphorylation deficiency type 1 (COXPD1), a condition that leads to early fatal progressive hepatoencephalopathy.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

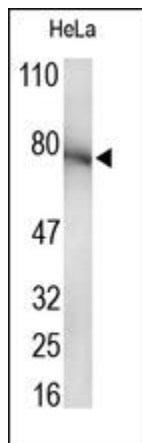
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Elongation factor G, mitochondrial; EF-Gmt; Elongation factor G 1, mitochondrial; mEF-G 1; Elongation factor G1; hEFG1; GFM1; EFG; EFG1; GFM

Accession No.: Q96RP9

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GFM1.

Application Notes: E: 1:10,000-1:50,000; WB: 1:100-1:500



The GFM1 Antibody is used in Western blot to detect GFM1 in HeLa cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.