

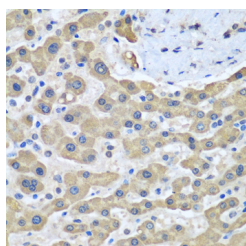
GFM1 Polyclonal Antibody

Catalog No. E-AB-62551
Storage Store at -20°C. Avoid freeze / thaw cycles.
Applications WB,IHC

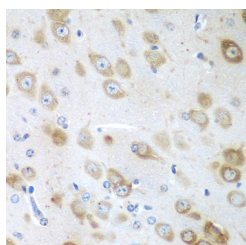
Reactivity H,M,R
Host Rabbit
Isotype IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded human liver cancer using GFM1 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse brain using GFM1 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunogen Information

Immunogen Recombinant fusion protein of human GFM1
GeneID 85476
Swissprot Q96RP9
Synonyms GFM1, COXPD1, EFG, EFG1, EFGM, EGF1, GFM, hEFG1

Product Information

Calculated MW 83kDa/85kDa
Observed MW Refer to figures
Buffer PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purify Affinity purification
Dilution WB 1:500-1:2000, IHC 1:50-1:200

Background

Eukaryotes contain two protein translational systems, one in the cytoplasm and one in the mitochondria. Mitochondrial translation is crucial for maintaining mitochondrial function and mutations in this system lead to a breakdown in the respiratory chain-oxidative phosphorylation system and to impaired maintenance of mitochondrial DNA. This gene encodes one of the mitochondrial translation elongation factors. Its role in the regulation of normal mitochondrial function and in different disease states attributed to mitochondrial dysfunction is not known.

For Research Use Only

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.