

产品名称: EF-G2 Rabbit Polyclonal Antibody
产品货号: AP Rab10322



产品概述 (Summary)

产品名称 (Production Name)	EF-G2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GFM2 GFM2; EFG2; MSTP027; Ribosome-releasing factor 2; mitochondrial; RRF2mt;
别名 (Alternative Names)	Elongation factor G 2, mitochondrial; EF-G2mt; mEF-G 2; Elongation factor G2; hEFG2
基因 ID (Gene ID)	84340.0
蛋白 ID (SwissProt ID)	Q969S9.The antiserum was produced against synthesized peptide derived from human GFM2. AA range:441-490

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	87kDa

产品名称: EF-G2 Rabbit Polyclonal Antibody
产品货号: APRab10322

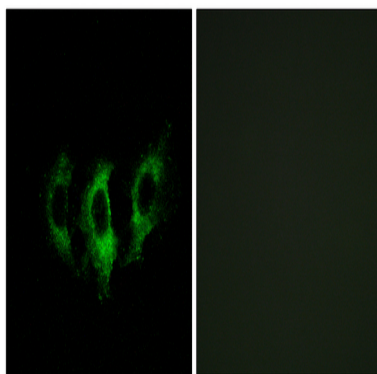


研究背景 (Background)

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, which is a GTPase that plays a role at the termination of mitochondrial translation by mediating the disassembly of ribosomes from messenger RNA. Its role in the regulation of normal mitochondrial function and in disease states attributed to mitochondrial dysfunction is not known. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2013], translation, mitochondrion organization, cellular component disassembly, mitochondrial translation, ribosome disassembly, macromolecular complex disassembly, ribonucleoprotein complex disassembly, cellular macromolecular complex subunit organization, cellular macromolecular complex disassembly, macromolecular complex subunit organization,

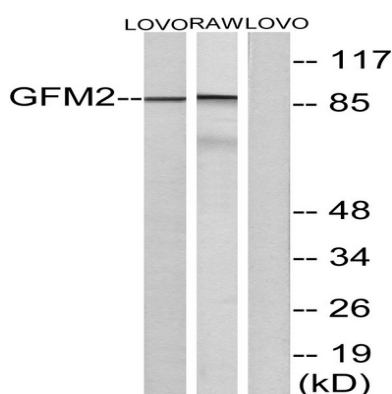
研究领域 (Research Area)

图片 (Image Data)

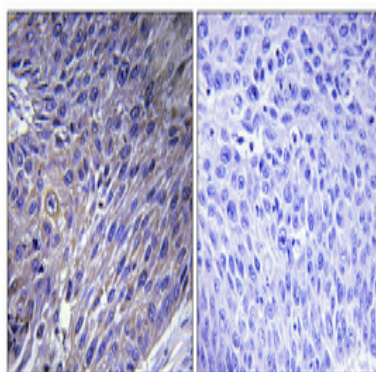


Immunofluorescence analysis of A549 cells, using GFM2 Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: EF-G2 Rabbit Polyclonal Antibody
产品货号: APRab10322



Western blot analysis of lysates from LOVO and RAW264.7 cells, using GFM2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .