

EF-G2 Polyclonal Antibody
Catalog # AP69660**Specification****EF-G2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q969S9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

EF-G2 Polyclonal Antibody - Additional Information**Gene ID** 84340**Other Names**

GFM2; EFG2; MSTP027; Ribosome-releasing factor 2; mitochondrial; RRF2mt; Elongation factor G 2, mitochondrial; EF-G2mt; mEF-G 2; Elongation factor G2; hEFG2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

EF-G2 Polyclonal Antibody - Protein Information**Name** GFM2 {ECO:0000255|HAMAP-Rule:MF_03059}**Function**

Mitochondrial GTPase that mediates the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis (PubMed:19716793, PubMed:33878294). Acts in collaboration with MRRF (PubMed:19716793, PubMed:33878294). Promotes mitochondrial ribosome recycling by dissolution of intersubunit contacts (PubMed:33878294). GTP hydrolysis follows the ribosome disassembly and probably occurs on the ribosome large subunit (PubMed:19716793). Not involved in the GTP-dependent ribosomal translocation step during translation elongation (PubMed:19716793).

Cellular Location

Mitochondrion {ECO:0000255|HAMAP-Rule:MF_03059}.

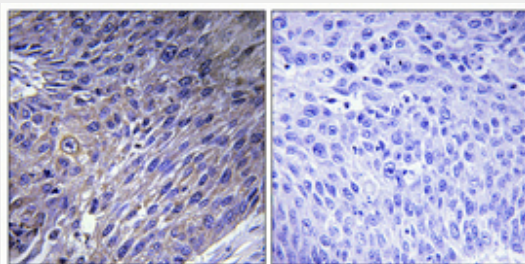
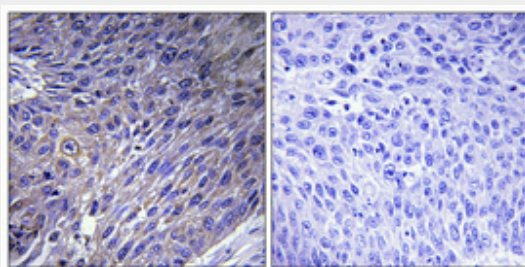
Tissue Location

Widely expressed..

EF-G2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EF-G2 Polyclonal Antibody - Images**EF-G2 Polyclonal Antibody - Background**

Mitochondrial GTPase that mediates the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis. Acts in collaboration with MRRF. GTP hydrolysis follows the ribosome disassembly and probably occurs on the ribosome large subunit. Not involved in the GTP-dependent ribosomal translocation step during translation elongation.