

GFM2 Antibody

Catalog No: #34668

Package Size: #34668-1 50ul #34668-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

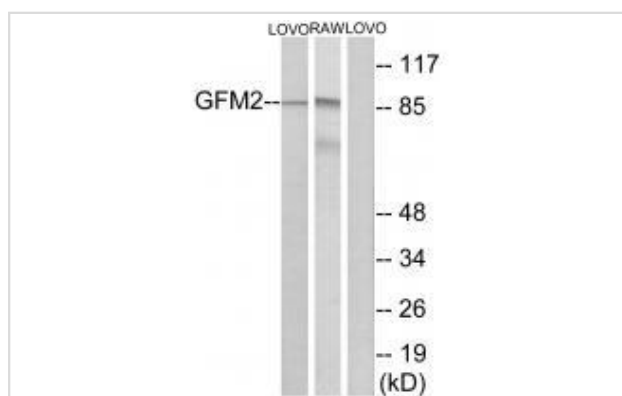
Product Name	GFM2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total GFM2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human GFM2.
Target Name	GFM2
Other Names	EF-G 2; EFG2; elongation factor G 2; mitochondrial; elongation factor G2
Accession No.	Swiss-Prot: Q969S9NCBI Gene ID: 84340
Uniprot	Q969S9
GeneID	84340;
SDS-PAGE MW	87kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

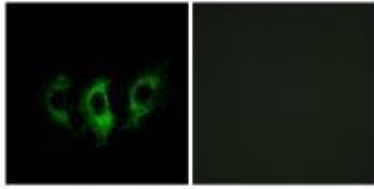
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from LOVO cells and RAW264.7 cells, using GFM2 antibody #34668.

Immunofluorescence analysis of A549 cells, using GFM2 antibody #34668.



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.

Hammarlund M., Hum. Genet. 109:542-550(2001).

Xu Y.Y., Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only