

# GFM2 Rabbit pAb

**Catalog No.:** A10158

## Basic Information

**Catalog No.**

A10158

**Observed MW**

86kDa

**Calculated MW**

57kDa/67kDa/81kDa/86kDa

**Category**

Primary antibody

**Applications**

WB

**Cross-Reactivity**

Human, Mouse, Rat

## Recommended Dilutions

**WB** 1:1000 - 1:4000

## 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.

## Immunogen Information

**Gene ID**

84340

**Swiss Prot**

Q969S9

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 520-779 of human GFM2 (NP\_115756.2).

**Synonyms**

GFM2;EF-G2mt;EFG2;MRRF2;MST027;MSTP027;RRF2;RRF2mt;hEFG2;mEF-G 2;mEF-G2

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

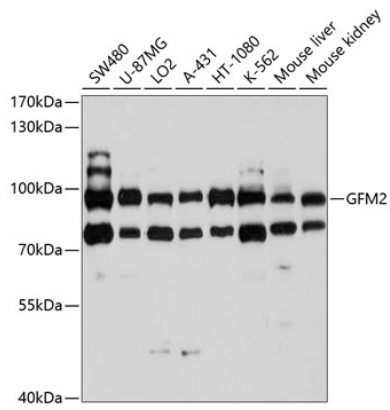
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

---



Western blot analysis of extracts of various cell lines, using GFM2 antibody (A10158) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.