

## Rabbit anti-Human GFM2 Polyclonal Antibody | anti-GFM2 antibody

GFM2 Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA232294</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

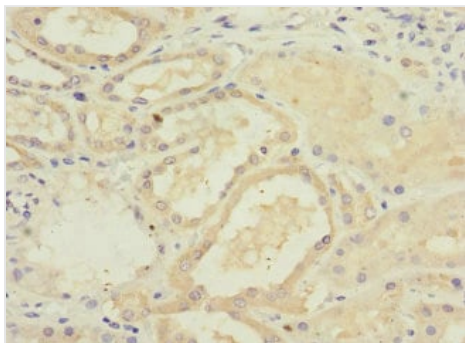
### PRODUCT SYNONYMS

GFM2; Polyclonal Antibody; GFM2 Antibody; Ribosome-releasing factor 2; mitochondrial; Elongation factor G 2; anti-GFM2 antibody

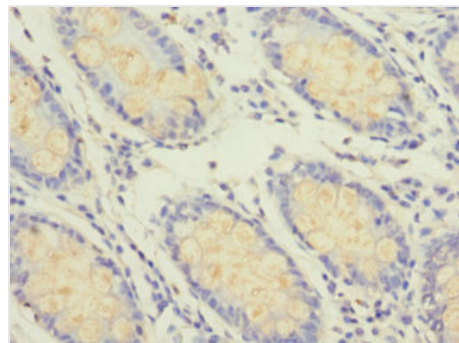
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | Antigen Affinity Purified                                                                                      |
| Form/Format                                    | Liquid                                                                                                         |
| Sequence Length                                | 811                                                                                                            |
| Applicable Applications for anti-GFM2 antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Species                                        | Human                                                                                                          |
| Immunogen                                      | Recombinant human Ribosome-releasing factor 2, mitochondrial protein (C-260AA)                                 |
| Conjugate                                      | Non-conjugated                                                                                                 |
| Buffer                                         | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-137446                                 |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232294 at dilution 1:100


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human colon cancer AAA232294 at dilution 1:100

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GFM2 antibody | 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. |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 526479814                                                           |
| NCBI GeneID                      | 84340                                                               |
| NCBI Accession #                 | NP_001268231.1                                                      |
| NCBI GenBank Nucleotide #        | NM_001281302.1                                                      |
| UniProt Accession #              | Q969S9; Q8N6D8; Q8WYI0; Q9H6Z1; A0AR28                              |
| Molecular Weight                 | 57,060 Da                                                           |
| NCBI Official Full Name          | ribosome-releasing factor 2, mitochondrial isoform 4                |
| NCBI Official Synonym Full Names | G elongation factor mitochondrial 2                                 |
| NCBI Official Symbol             | GFM2                                                                |
| NCBI Official Synonym Symbols    | EFG2; RRF2; MRRF2; hEFG2; MST027; RRF2mt; EF-G2mt; MSTP027; mEF-G 2 |
| NCBI Protein Information         | ribosome-releasing factor 2, mitochondrial                          |
| UniProt Protein Name             | Ribosome-releasing factor 2, mitochondrial                          |
| UniProt Gene Name                | GFM2                                                                |
| UniProt Synonym Gene Names       | RRF2mt; EF-G2mt; mEF-G 2; hEFG2                                     |
| UniProt Entry Name               | RRF2M_HUMAN                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/gfm2-antibody-immunohistochemistry-elisa/232294>