

DNAxPAb

Hard-to-Find
Antibody

GFM2 DNAxPab

Catalog # H00084340-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GFM2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLTNLRIFAMSHQTIPSVYINNCCYKIRASLKRLKPHVPLGRNCSSLPGLIGNDIKSLHSIINPPIAKIRN IGIMAHIDAGKTTTTTERILYYSGYTRSLGDVDDGDTVTDFFMAQERERERGITIQSAAVTFDWKGYRVNLI DTPGHVDFTLEVERCLRVLGDGAVAVFDASAGVEAQTLTVWRQADKHNIPRICFLNKMDKTGASF KYAVESIREKLKAKPLLLQLPIGEAKTFKGVVDVVMKEKLLWNCNSNDGKDFERKPLLEMNDPEL LKETTEARNALIEQVADLDDEFADLVLEEFSENFDLLPAEKLQTAIHRVTLAQTAVPVLCGSALKN KGIQPLLDVAVTMYLPSPEERNYEFQWYKDDLCALAFKVLHDKQRGPLVFMRIYSGTIKPQLAIHNI NGNCTERISRLLLPFADQHVEIPSLTAGNIALTVGLKHTATGDTVSSKSSALAAARRAEREKEKKH RQNEAERLLLAGVEIPEPVFFCTIEPPSLSKQPDLEHALKCLQREDPSLKVRLDPDSGQTVLCG MGELHIEIHDRIKREYGLETYLGPLQVAYRETILNSVRATDTLDRTLGDKRHLVTVEVEARPIETSSV MPVIEFEYAESINEGLLKVSQEAINGIHSACLQGPLLGSPIQDVAITLHSLTIHPGTSTTMISACVSR CVQKALKKADKQVLEPLMNLEVTVARDYLSPLADLAQRRGNIQEIQTRQDNKVVIGFVPLAEIMG YSTVLRLTSGSATFALELSTYQAMNPQDQNTLLNRRSGLT
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — GFM2

Entrez GeneID [84340](#)

GeneBank Accession# [NM_032380.3](#)

Protein Accession# [NP_115756.2](#)

Gene Name GFM2

Gene Alias EFG2, MST027, hEFG2

Gene Description G elongation factor, mitochondrial 2

Omim ID [606544](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 mitochondrial translation elongation factors. Its role in the regulation of normal mitochondrial function and in different disease states attributed to mitochondrial dysfunction is not known. Alternative splicing results in at least three transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations MSTP027|elongation factor G2|mitochondrial elongation factor G2