

Datasheet for ABIN926528
anti-GFM2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	GFM2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFM2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	GFM2 antibody was raised in rabbit using the C terminal of GFM2 as the immunogen
Purification:	Purified

Target Details

Target:	GFM2
Alternative Name:	GFM2 (GFM2 Products)
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. GFM2 is one of mitochondrial translation elongation factors. Its role in the regulation of normal mitochondrial function and in

Target Details

different disease states attributed to mitochondrial dysfunction is not known. Synonyms: Polyclonal GFM2 antibody, Anti-GFM2 antibody, G elongation factor, mitochondrial 2 antibody, EFG2 antibody, MRRF2 antibody, MST027 antibody, RRF2 antibody, RRF2mt antibody, hEFG2 antibody.

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: WB: 0.2-1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: GFM2 Blocking Peptide, catalog no. 33R-9354, is also available for use as a blocking control in assays to test for specificity of this GFM2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. Western Blot showing GFM2 antibody used at a concentration of 1-2 ug/ml to detect its target protein.