

For Research Use Only

GFM2 Polyclonal antibody

Catalog Number: 16941-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

16941-1-AP

Size:

150ul , Concentration: 300 ug/ml by Nanodrop and 160 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10530

GenBank Accession Number:

BC015712

GeneID (NCBI):

84340

UNIPROT ID:

Q96959

Full Name:

G elongation factor, mitochondrial 2

Calculated MW:

779 aa, 87 kDa

Observed MW:

87 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse skeletal muscle tissue,

IP : HepG2 cells,

IF/ICC : HepG2 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Ying Shu	36314841	EMBO J	
Elizabeth A Perry	33462515	Nat Metab	WB
Takumi Yokokawa	32446358	Biochem Biophys Res Commun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

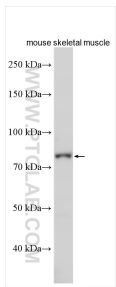
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

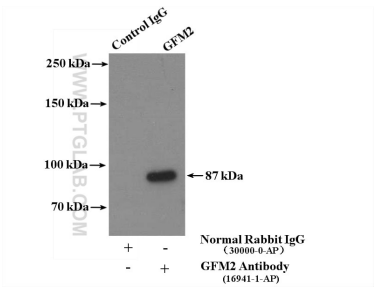
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

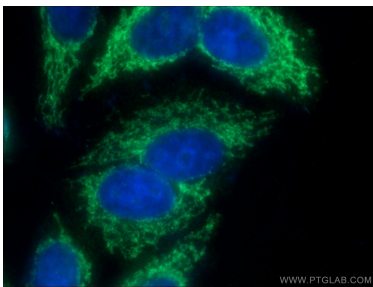
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16941-1-AP (GFM2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-GFM2 (IP:16941-1-AP, 4ug; Detection:16941-1-AP 1:500) with HepG2 cells lysate 3200ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 16941-1-AP (GFM2 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).