

# EIF3M Polyclonal antibody

Catalog Number: 11423-1-AP

Featured Product

5 Publications

## Basic Information

## Catalog Number:

11423-1-AP

## Size:

200 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG1994

## GenBank Accession Number:

BC019103

## GeneID (NCBI):

10480

## UNIPROT ID:

Q7L2H7

## Full Name:

eukaryotic translation initiation factor 3, subunit M

## Calculated MW:

374 aa, 43 kDa

## Observed MW:

35-43 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:20-1:200

IF 1:20-1:200

## Applications

## Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

## Cited Applications:

CoIP, IF, IHC, WB

## Species Specificity:

human, mouse, rat

## Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB : HeLa cells, HepG2 cells, MCF-7 cells, mouse brain tissue, rat brain tissue

IP : HeLa cells,

IHC : human pancreas cancer tissue,

IF : HepG2 cells,

## Background Information

EIF3M gene encodes eukaryotic translation initiation factor (eIF) subunit M, also called GA17 or PCID1. eIF-3 complex is required for several steps in the initiation of protein synthesis, and recent studies indicate that regulation of oncogene expression and neoplastic transformation are controlled by eIF subunits. The most uncharacterized non-core subunit EIF3M was confirmed to be highly expressed in human cancer cell lines and colon cancer patient tissues and mediate regulation of tumorigenesis-related genes in human colon cancer.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chen Chen	34499080	J Cell Biol	WB
Xinwei Liu	33791168	Am J Cancer Res	IF, CoIP
Goh S-H SH	20838379	Oncogene	WB, IHC

## 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

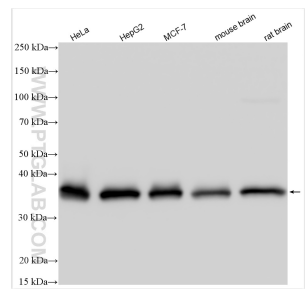
For technical support and original validation data for this product please contact:

T: 4006900926

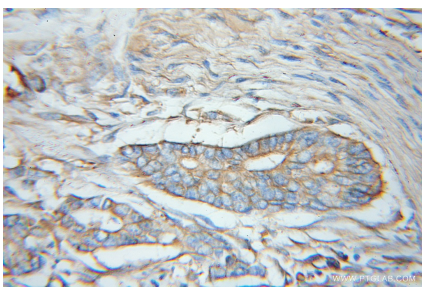
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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Selected Validation Data



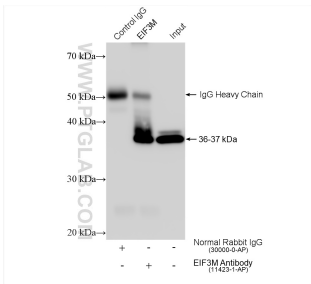
Various lysates were subjected to SDS PAGE followed by western blot with 11423-1-AP (EIF3M antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 11423-1-AP (EIF3M antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HepG2 cells, using EIF3M antibody 11423-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green).



IP result of anti-EIF3M (IP:11423-1-AP, 4ug; Detection:11423-1-AP 1:2000) with HeLa cells lysate 1080 ug.