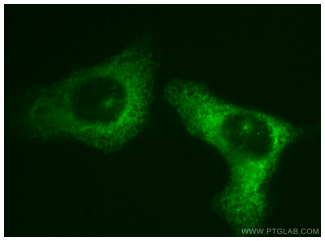
USA: proteintech@ptglab.com

Europe: europe@ptglab.com

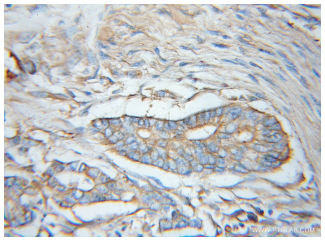
China: service@ptglab.com

EIF3M Polyclonal Antibody

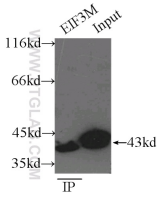
Catalog number: 11423-1-AP
Size: 20 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
EIF3M; B5, EIF3M, Fetal lung protein B5, FLJ29030, GA17, hfl B5, HFLB5, PCID1, PNAS 125



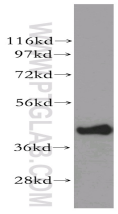
Immunofluorescent analysis of HepG2 cells, using EIF3M antibody 11423-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG(green).



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



IP Result of anti-EIF3M (IP:11423-1-AP, 3ug; Detection:11423-1-AP 1:800) with HeLa cells lysate 3800ug.



mouse uterus tissue were subjected to SDS PAGE

Background

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.

Applications

Tested applications:	**ELISA, WB, IHC, IF, IP**
Cited applications:	**IHC, WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human**
Caculated EIF3M MW:	**374aa,43 kDa**
Observed EIF3M MW:	**43 kDa**
Positive WB detected in	**Mouse uterus tissue, HeLa cells**
Positive IP detected in	**HeLa cells**
Positive IHC detected in	**Human pancreas cancer tissue**
Positive IF detected in	**HepG2 cells**
Recommended dilution:	**WB: 1:200-1:2000**
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag1994**
GenBank accession number:	**BC019103**
Gene ID (NCBI):	**10480**
Full name:	**Eukaryotic translation initiation factor 3, subunit M**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**

followed by western blot with
11423-1-AP(EIF3M antibody)
at dilution of 1:500