

PACO45080

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200, IP:1:200-1:2000

Protein Background:

Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP: methionyl-tRNAⁱ and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. May favor virus entry in case of infection with herpes simplex virus 1 (HSV1) or herpes simplex virus 2 (HSV2).

Gene ID:

EIF3M

Uniprot

Q7L2H7

Synonyms:

Eukaryotic translation initiation factor 3 subunit M (eIF3m) (Fetal lung protein B5) (hFL-B5) (PCI domain-containing protein 1), EIF3M, HFLB5 PCID1

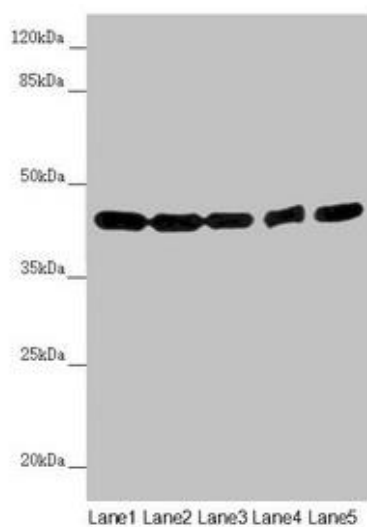
Immunogen:

Recombinant Human Eukaryotic translation initiation factor 3 subunit M protein (1-374AA).

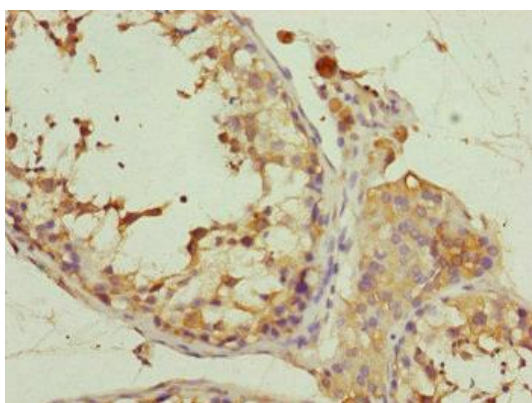
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

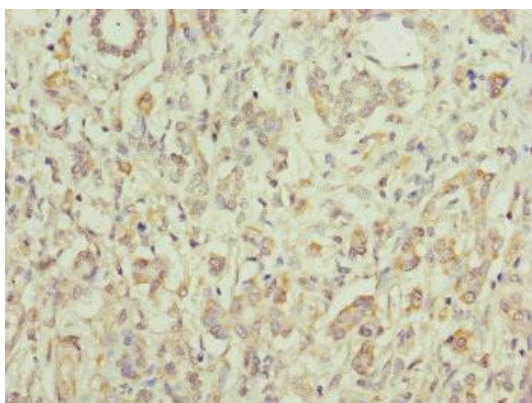
Product Images



Western blot. All lanes: EIF3M antibody at 2.02 μ g/ml. Lane 1: HeLa whole cell lysate. Lane 2: A549 whole cell lysate. Lane 3: Mouse gonadal tissue. Lane 4: Human placenta tissue. Lane 5: Mouse brain tissue. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 43, 28 kDa. Observed band size: 43 kDa.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO45080 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human pancreatic cancer using PACO45080 at dilution of 1:100.