

PACO45240

Product Information

Size:

50ul

Reactivity:

Human

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-tRNA_i 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.

Gene ID:

EIF3K

Uniprot

Q9UBQ5

Synonyms:

Eukaryotic translation initiation factor 3 subunit K (eIF3k) (Eukaryotic translation initiation factor 3 subunit 12) (Muscle-specific gene M9 protein) (PLAC-24) (eIF-3 p25) (eIF-3 p28), EIF3K, EIF3S12

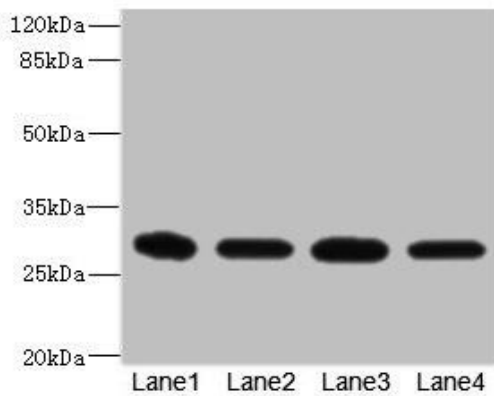
Immunogen:

Recombinant Human Eukaryotic translation initiation factor 3 subunit K protein (1-218AA).

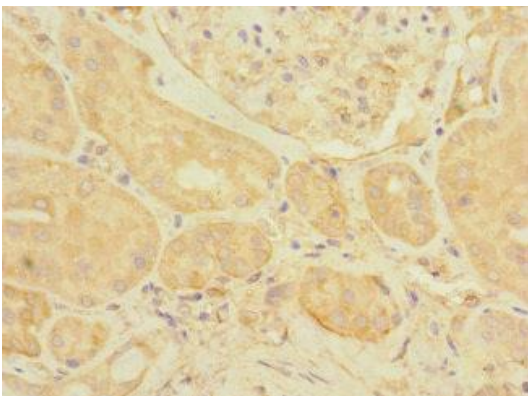
Storage:

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

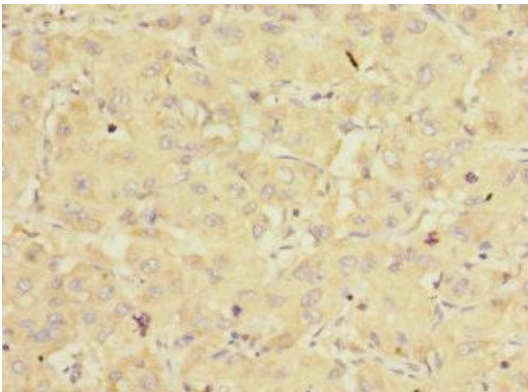
Product Images



Western blot. All lanes: EIF3K antibody at 1.72 μ g/ml. Lane 1: THP-1 whole cell lysate. Lane 2: HT29 whole cell lysate. Lane 3: 293T whole cell lysate. Lane 4: Hela whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 26, 25 kDa. Observed band size: 26 kDa.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO45240 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human liver cancer using PACO45240 at dilution of 1:100.