EIF3K polyclonal antibody

Catalog: BS61713 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

eIF3K (eukaryotic translation initiation factor 3 subunit K, muscle-specific gene M9 protein) is a widely expressed translation initiation factor that belongs to the eIF3 subunit K family. Translation initiation factor 3 (eIF3) is a multisubunit complex containing at least 12 subunits. eIF3 binds to the 40S ribosomal subunit, promotes the binding of methionyl-tRNAi and mRNA, and interacts with several other initiation factors to form the 40S initiation complex. eIF3K is the smallest subunit of eIF3 and it interacts with several other subunits of eIF3 and the 40S ribosomal subunit. eIF3K is conserved among high eukaryotes, including mammals, insects, and plants, and it is ubiquitously expressed in human tissues. eIF3K is distributed both in nucleus and cytoplasm and colocalizes with cyclin D3, a regulatory subunit of cyclin-dependent kinase 4 (Cdk4).

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 25, 28KDa

Swiss-Prot:

Q9UBQ5

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

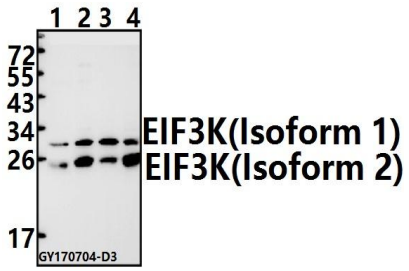
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

EIF3K polyclonal antibody detects endogenous levels of EIF3K protein.

DATA:



Western blot (WB) analysis of EIF3K polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:The Testis tissue lysate of Mouse(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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