EIF3L polyclonal antibody

Catalog: BS61567 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The initiation of protein synthesis in eukaryotic cells is regulated by interactions between protein initiation factors and RNA molecules. Eukaryotic initiation factors (eIFs) are utilized in a sequence of reactions that lead to 80S ribosomal assembly and, ultimately, translation. The eukaryotic initiation factor-3 (eIF3) scaffolding structure is the largest of the eIF complexes and includes eIF3 å, eIF3 ∫ , eIF3©, eIF3∂, eIF3ε, eIF3Ω, eIF3η and eIF3†, all of which function to control the assembly of the 40S ribosomal subunit. Association of eIF3 proteins with the 40S ribosomal subunit stabilizes eIF2-GTP-Met-tRNAiMet complex association and mRNA binding, and promotes dissociation of 80S ribosomes into 40S and 60S subunits, thereby promoting the assembly of the pre-initiation complex. Overexpression of eIF3 proteins is common in several cancers, suggesting a role for eIF3 proteins in tumorigenesis.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 66 kDa

Swiss-Prot:

Q9Y262

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

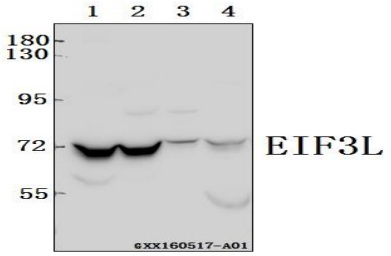
Storage&Stability:

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

Specificity:

EIF3L polyclonal antibody detects endogenous levels of EIF3L protein.

DATA:



Western blot (WB) analysis of EIF3L polyclonal antibody at 1:500 dilution

Lane1:L02 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:The Lung lysate of Mouse(40ug)

Lane4:The Liver lysate of Rat(40ug)

Note:

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

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