

EIF2B4 polyclonal antibody

Catalog: BS62501

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. The eukaryotic initiation complex eIF2B exists as a five subunit complex composed of eIF2B α , eIF2B β , eIF2B γ , eIF2B δ and eIF2B ϵ . The eIF2B complex catalyzes the exchange of GDP for GTP on the eIF2 complex, following the interaction of eIF2/GTP with the 40S ribosomal subunit. Guanine nucleotide exchange factor (GEF) activity was exhibited by the eIF2B ϵ subunit alone, but it was greater in the presence of all five eIF2B subunits. Phosphorylation of eIF2 inhibits GEF activity of eIF2B, an inhibition that requires the eIF2B α subunit.

Product:

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

Molecular Weight:

~ 57 kDa

Swiss-Prot:

Q9UI10

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

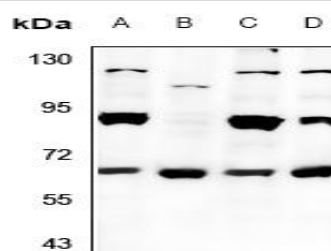
Storage&Stability:

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

Specificity:

EIF2B4 polyclonal antibody detects endogenous levels of EIF2B4 protein.

DATA:



Western blot (WB) analysis of EIF2B4 polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:MCF-7 whole cell lysate

LaneC:PC12 whole cell lysate

LaneD:CT26 whole cell lysate

Note:

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

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