

Phospho-EIF4G1-S1108 polyclonal antibody

Catalog: BS74175

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The protein encoded by this gene is a component of the multi-subunit protein complex EIF4F. This complex facilitates the recruitment of mRNA to the ribosome, which is a rate-limiting step during the initiation phase of protein synthesis. The recognition of the mRNA cap and the ATP-dependent unwinding of 5'-terminal secondary structure is catalyzed by factors in this complex. The subunit encoded by this gene is a large scaffolding protein that contains binding sites for other members of the EIF4F complex. A domain at its N-terminus can also interact with the poly(A)-binding protein, which may mediate the circularization of mRNA during translation. Alternative splicing results in multiple transcript variants, some of which are derived from alternative promoter usage.

Product:

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

Molecular Weight:

250kDa

Swiss-Prot:

Q04637

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 - 1:2000

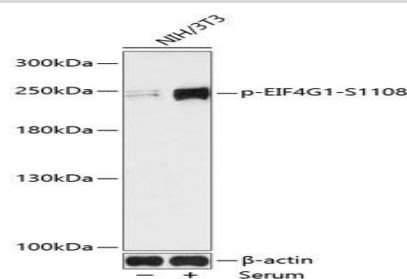
Storage&Stability:

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

Modification:

Phosphorylated

DATA:



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-EIF4G1-S1108 antibody at 1:1000 dilution. NIH/3T3 cells were treated by 10% FBS for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit. Exposure time: 60s.

Note:

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

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