

Phospho-mTOR-S2481 polyclonal antibody

Catalog: BS79380

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene.

Product:

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

Molecular Weight:

289kDa

Swiss-Prot:

P42345

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:

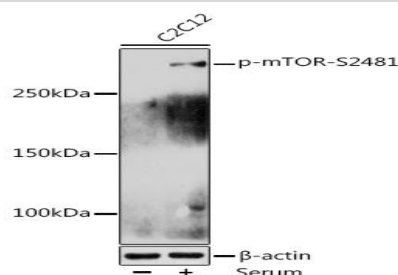
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Modification:

Phosphorylated

DATA:



Western blot analysis of extracts of C2C12 cells, using Phospho-mTOR-S2481 antibody at 1:1000 dilution. C2C12 cells were treated by 10% FBS at 37 °C 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: 5min.

Note:

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

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