

Raptor Rabbit monoclonal antibody

Catalog: BS40185

Host: Rabbit

Reactivity: Human Mouse Rat

BackGround:

The regulatory associated protein of mTOR (Raptor) was identified as an mTOR binding partner that mediates mTOR signaling to downstream targets. Raptor binds to mTOR substrates, including 4E-BP1 and p70 S6 kinase, through their TOR signaling (TOS) motifs and is required for mTOR-mediated phosphorylation of these substrates. Binding of the FKBP12-rapamycin complex to mTOR inhibits the mTOR-raptor interaction, suggesting a mechanism for rapamycin's specific inhibition of mTOR signaling. This mTOR-raptor interaction and its regulation by nutrients and/or rapamycin is dependent on a protein called GβL.

Product:

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

Molecular Weight:

149kDa

Swiss-Prot:

Q8N122

Purification&Purity:

Affinity-chromatography

Applications:

WB 1:500~1:1000 IHC 1:50~1:100 ICC/IF 1:50~1:100
IP 1:30 FC 1:30

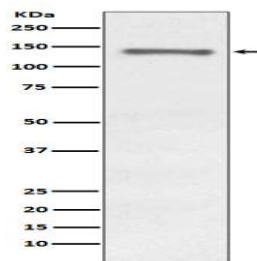
Storage&Stability:

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

Specificity:

Raptor Antibody detects endogenous levels of Raptor

DATA:



Western blot analysis of Raptor expression in MCF-7 cell lysate.

Note:

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

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