

Recombinant Phospho-p70 S6 Kinase 1 (Thr389) Monoclonal Antibody

catalog number: AN300363P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen A synthetic phosphopeptide corresponding to residues around Thr389 of human

p70 S6 kinase 1.

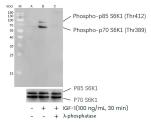
Host Rabbit Isotype lgG 12G12 Clone **Purification** Protein A

Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

1:1000-1:200000 **WB**

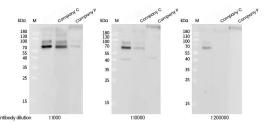
Data





Western blot analysis of extracts from serum-starved MCF7, Western blot analysis of extracts from serum-starved MCF7, untreated (line A); treated with IGF-1 (100 ng/mL, 30 min; +) untreated (line A); treated with IGF-1 (100 ng/mL, 30 min), (line B); treated with IGF-1 and λ-phosphatase (line C) using without peptide (line B) or antigen-specific phosphopeptide Phospho-S6K1 (Thr389) rabbit monoclonal Antibody at 1:5000 dilution.(upper), or Anti-RPS6KB1 rabbit polyclonal antibody (lower) at 1:5000 dilution.

> Observed-MW:60 kDa,80 kDa Calculated-MW:59 kDa



Western blot analysis of extracts from serum-starved MCF7. treated with IGF-1 (100 ng/mL, 30 min), using Phospho-S6K1 (Thr389) rabbit monoclonal Antibody (Sino) and other brands' antibodies (company C, company P) at dilution. of 1:1000, 1:10000 and 1:200000.

> Observed-MW:60 kDa,80 kDa Calculated-MW:59 kDa

Preparation & Storage

(line C) or antigen-specific peptide (line D) using Phospho-S6K1 (Thr389) rabbit monoclonal Antibody at 1:5000 dilution.

Observed-MW:60 kDa,80 kDa Calculated-MW:59 kDa

For Research Use Only

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Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

This gene encodes a member of the ribosomal S6 kinase family of serine/threonine kinases. The encoded protein responds to mTOR (mammalian target of rapamycin) signaling to promote protein synthesis, cell growth, and cell proliferation. Activity of this gene has been associated with human cancer. Alternatively spliced transcript variants have been observed. The use of alternative translation start sites results in isoforms with longer or shorter N-termini which may differ in their subcellular localizations. There are two pseudogenes for this gene on chromosome 17.

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