

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

catalog number: **AN300363P**

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

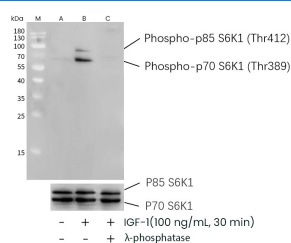
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues around Thr389 of human p70 S6 kinase 1.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	B285
<b>Purification</b>	Protein A
<b>Buffer</b>	0.2 $\mu$ m filtered solution in PBS

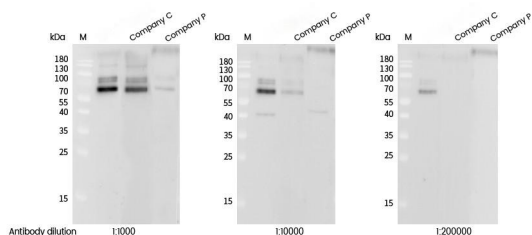
### Applications Recommended Dilution

<b>WB</b>	1:1000-1:200000
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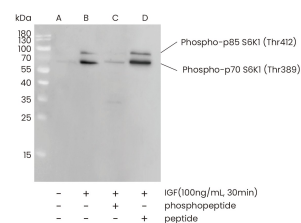
### Data



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



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### Preparation & Storage

#### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.1

**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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