

## Anti-Phospho-S6K1/RPS6KB1 (Ser434) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,Monkey
Conjugation:	Unconjugated
Molecular Weight:	Actual: 60 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications

Application:	ELISA,IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:10000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human p70 S6 Kinase around the phosphorylation site of Ser411. AA range:401-450
Antigen Species:	human
Uniprot ID:	P23443
Synonyms:	S6K1/RPS6KB1 (p-S434);S6K1/RPS6KB1 (p-Ser434);p-S6K1/RPS6KB1 (S434);p-S6K1/RPS6KB1 (Ser434)

### Research Background

ribosomal protein S6 kinase B1(RPS6KB1) Homo sapiens 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. [provided by RefSeq, Jan 2013],

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