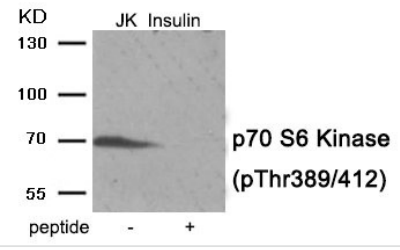
Phospho-RPS6KB1 (Thr389/412) Antibody

Product Code	CSB-PA073005
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P23443
Immunogen	Peptide sequence around phosphorylation site of threonine389/412(G-F-T(p)-Y-V) derived from Human p70 S6 Kinase .
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of p70 S6 Kinase only when phosphorylated at tyrosine 389/tyrosine 412.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Phosphorylates specifically ribosomal protein S6 in response to insulin or several classes of mitogens. Promotes protein synthesis by phosphorylating PDCD4 at 'Ser-67' and targeting it for degradation. Hong S, et al. (2014) J Biol Chem Puustinen P, et al. (2014) CJ Cell Biol 204, 713-27 Martineau Y, et al. (2014) Mol Cell Biol 34, 1046-53
Form	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Clonality	Polyclonal
Alias	KS6B1; P70-S6K; RPS6KB1; Ribosomal protein S6 kinase; polypeptide 1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	RPS6KB1
Image	 Western blot analysis of extracts from Jurkat cells treated with Insulin using Phospho-p70 S6 Kinase (Thr389/412) antibody.The lane on the right is treated with the antigen-specific peptide.

Product Modify	Phospho-Thr389/412