

Product datasheet for **TA381123**

RSK1 p90 (RPS6KA1) Rabbit Polyclonal Antibody

Product data:

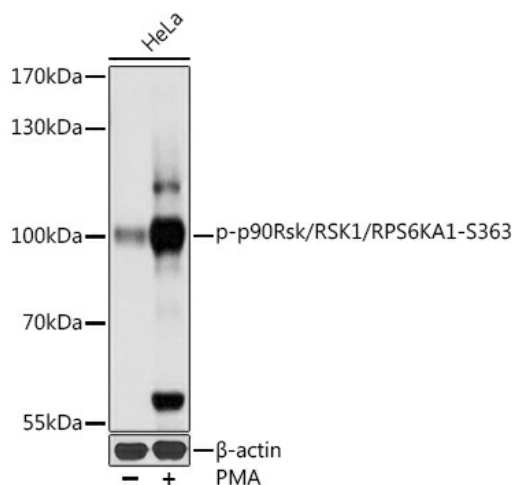
Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IP, 1:50 - 1:100
Reactivity:	Human, Rat
Modifications:	Phospho T359
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding S363 of human p90Rsk/RSK1/RPS6KA1
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	72kDa/81kDa/82kDa/83kDa
Gene Name:	ribosomal protein S6 kinase A1
Database Link:	Entrez Gene 6195 Human Q15418
Background:	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.



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Synonyms: HU-1; MAPKAPK1A; p90S6K; pp90RSK1; RSK; RSK-1; RSK1

Product images:



Western blot analysis of extracts of various cell lines, using (TA381123) at 1:1000 dilution. HeLa cells were treated by PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 1s.