Phospho-RSK1 (Thr359, Ser363) Polyclonal Antibody

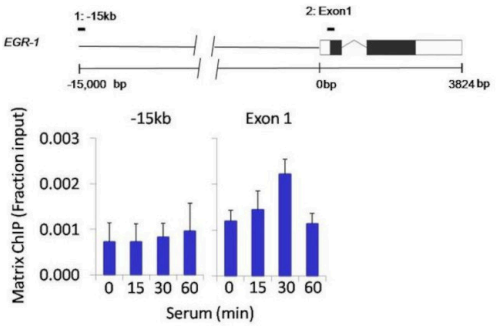
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding pThr359/Ser363 of rat RSK1
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_11007642

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunoprecipitation (IP)	1:50	-
ChIP assay (ChIP)	1-3 µL	-

Product Specific Information

It is not recommended to aliquot this antibody.

Product Images For Phospho-RSK1 (Thr359, Ser363) Polyclonal Antibody



Phospho-RSK1 (Thr359, Ser363) Antibody (PA5-17901) in ChIP
Chromatin immunoprecipitation analysis of Phospho-p90RSK pThr359/Ser363 was performed using cross-linked chromatin from 1 x 106 HCT116 colon carcinoma cells treated with serum for 0, 15, 30, and 60 minutes. Immunoprecipitation was performed using a multiplex microplate Matrix ChIP assay (see reference for Matrix ChIP protocol: http://www.ncbi.nlm.nih.gov /pubmed/22098709) with 1.0 µL/100 µL well volume of a Phospho-p90RSK pThr359/Ser363 polyclonal antibody (Product # PA5-17901). Chromatin aliquots from ~1 x 105 cells were used per ChIP pull-down. Quantitative PCR data were done in quadruplicate using 1 µL of eluted DNA in 2 µL SYBR real-time PCR reactions containing primers to amplify -15kb upstream of the Egr1 gene or exon-1 of Egr1. PCR calibration curves were generated for each primer pair from a dilution series of sheared total genomic DNA. Quantitation of immunoprecipitated chromatin is presented as signal relative to the total amount of input chromatin. Results represent the mean +/- SEM for three experiments. A schematic representation of the Egr-1 locus is shown above the data where boxes represent exons (black boxes = translated regions, white boxes = untranslated regions); the zigzag line represents an intron; and the straight line represents upstream sequence. Regions amplified by Egr-1 primers are represented by black bars. Data courtesy of the Innovators Program.