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Phospho-p90Rsk/RSK1/RPS6KA1-S363 Rabbit pAb

Catalog No.: AP0767

Basic Information

Observed MW
90kDa

Calculated MW
83kDa

Category
Polyclonal Antibodies

Applications
WB, IP, ELISA

Cross Reactivity
Human, Rat

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.

Recommended Dilutions

WB 1:500 - 1:1000

IP
0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6195

Swiss-Prot
Q15418

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
RSK; HU-1; RSK1; p90Rsk; MAPKAPK1; MAPKAPK1A; Phospho-p90Rsk/RSK1 /RPS6KA1-S363

Contact

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Product Information

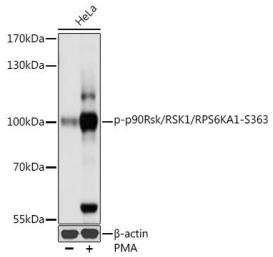
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using Phospho-p90Rsk/RSK1/RPS6KA1-S363 Rabbit pAb (AP0767) at 1:1000 dilution incubated overnight at 4℃. HeLa cells were treated with PMA/TPA (200 nM) at 37℃ for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.

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