

Anti-Phospho-MSK1 (Ser376) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010868

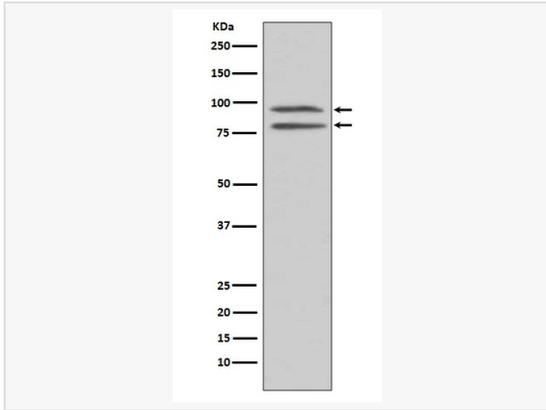
Product Information

Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA
Reactivity	Human, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-MSK1 (S376)
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-MSK1 (Ser376) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

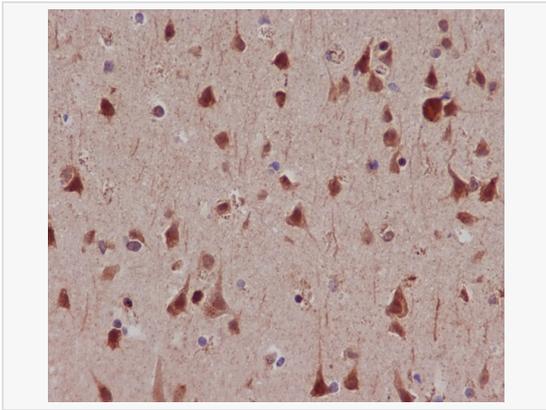
Protein Information

Synonyms	RPS6KA5, MSK1, Ribosomal protein S6 kinase alpha-5, S6K-alpha-5, 90 kDa ribosomal protein S6 kinase 5, Nuclear mitogen- and stress-activated protein kinase 1, RSK-like protein kinase, RSKL.
Calculated MW	Calculated MW: 90 kDa; Observed MW: 90 kDa
Uniprot ID	O75582
Gene ID	9252
Background	Serine/threonine-protein kinase that is required for the mitogen or stress-induced phosphorylation of the transcription factors CREB1 and ATF1 and for the regulation of the transcription factors RELA, STAT3 and ETV1/ER81, and that contributes to gene activation by histone phosphorylation and functions in the regulation of inflammatory genes. Phosphorylates CREB1 and ATF1 in response to mitogenic or stress stimuli such as UV-C irradiation, epidermal growth factor (EGF) and anisomycin.

Validation Images



Western blot analysis of Phospho-MSK1 (S376) in HEK293 lysates treated with EGF using Phospho-MSK1 (Ser376) antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Phospho-MSK1 (S376) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.