

p90RSK(Phospho-Thr348) Antibody

Catalog No: #11105

Package Size: #11105-1 50ul #11105-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	p90RSK(Phospho-Thr348) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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 chromatography using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of p90RSK only when phosphorylated at threonine 348.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 348 (S-R-T(p)-P-R) derived from Mouse p90RSK
Target Name	p90RSK
Modification	Phospho
Other Names	KS6A1; MAPKAP-K1a; RPS6KA1; RSK1; S6K-alpha 1
Accession No.	Swiss-Prot: P18653NCBI Gene ID: 20111NCBI Protein: NP_001006666.1
Uniprot	P18653
GeneID	20111;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

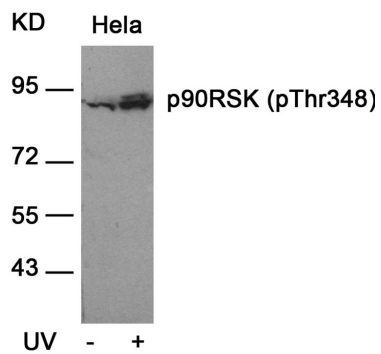
Predicted MW: 90kd

Western blotting: 1:500~1:1000

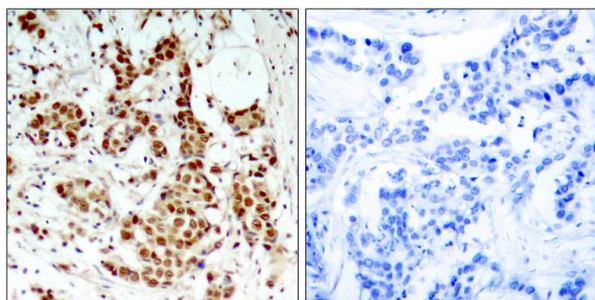
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

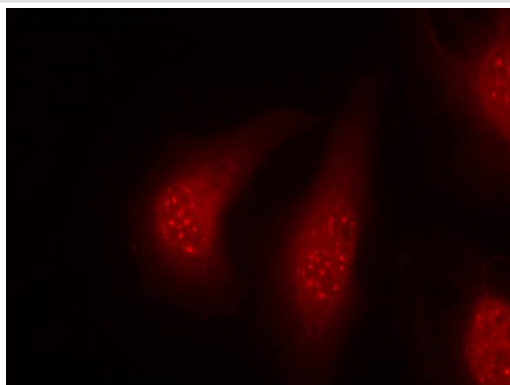
Images



Western blot analysis of extracts from HeLa cells untreated or treated with UV using p90RSK(Phospho-Thr348) Antibody #11105.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p90RSK(Phospho-Thr348) Antibody #11105(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using p90RSK(Phospho-Thr348) Antibody #11105.

Background

Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.

Silverman E, et al. Mol Cell Biol. 2004 Dec; 24(24): 10573-10583.

Andrew D, et al. Biochem J. 2006 February 1; 393(Pt 3): 715

Note: This product is for in vitro research use only