S6 Ribosomal Protein(Phospho-Ser235) Antibody

Catalog No: #11232

Package Size: #11232-1 50ul #11232-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	S6 Ribosomal Protein(Phospho-Ser235) 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 chromatogramphy using non-phosphopeptide.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of S6 Ribosomal protein only when phosphorylated at serine 235.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 235 (R-L-S(p)-S-L) derived from Human S6 Ribosomal Protein.
Conjugates	Unconjugated
Target Name	S6 Ribosomal Protein
Modification	Phospho
Other Names	NP33; RPS6; RS6
Accession No.	Swiss-Prot: P62753NCBI Protein: NP_001001.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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.

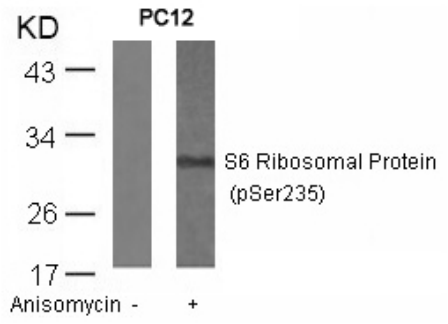
Application Details

Predicted MW: 32kd

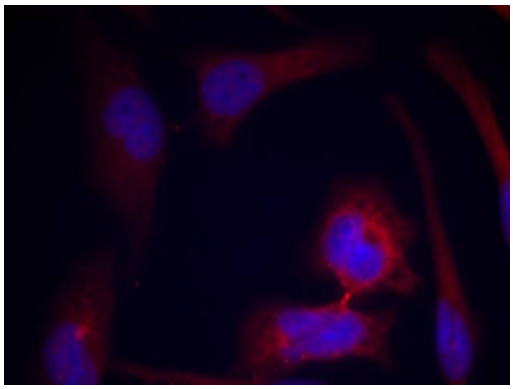
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from PC12 cells untreated or treated with anisomycin using S6 Ribosomal Protein(Phospho-Ser235) Antibody #11232.



Immunofluorescence staining of methanol-fixed Hela cells using S6 Ribosomal Protein(Phospho-Ser235) Antibody #11232.

Background

May play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.

McBride K, et al. (1998) Mol Cell Biol 18(9): 5073-5081.

Williams AJ, et al. (2003) Plant Physiol 132(4): 2086-2097.

Wilson MA, et al. (1997) Biochem J 325(Pt 1): 217-222.

Arnesen T, et al. (2005) Biochem J 386(Pt 3): 433-443.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.