



S6 Ribosomal protein (Phosph-Ser235) Antibody

#11232

Catalog Number: 11232-1, 11232-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P62753

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human S6 Ribosomal protein around the phosphorylation site of serine 235 (R-L-S_P-S-L).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

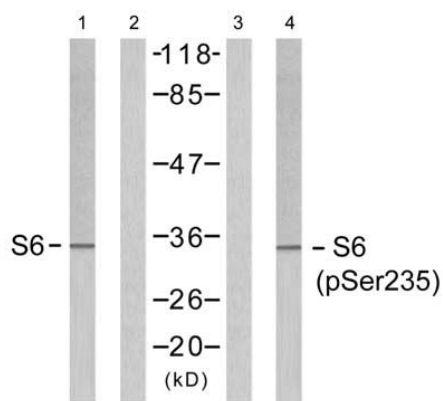
Specificity/Sensitivity: S6 Ribosomal protein (phospho-Ser235) antibody detects endogenous levels of S6 Ribosomal protein only when phosphorylated at serine 235.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 32 kd

WB: 1:500~1:1000 IF: 1:100~1:200

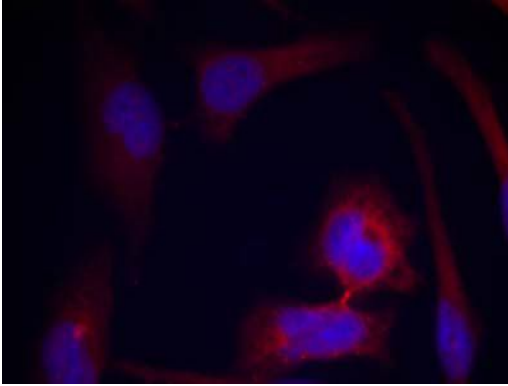


Serum + + - +

Peptide - + - -

Western blot analysis of the extracts from 293 cells untreated or treated with serum (10%, 15min), using S6 Ribosomal protein

(Ab-235) antibody (#21225, Line 1 and 2) and S6 Ribosomal protein (phospho-Ser235) antibody (#11232, Line 3 and 4).



Immunofluorescence staining of methanol-fixed HeLa cells using S6 Ribosomal protein (phospho-Ser235) antibody (#11232, Red).

Background :

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

References:

- 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.