Anti- p70 S6 Kinase β (Phospho-Ser423) Polyclonal Antibody

Catalog No.	Size
A100263-01	50 µl
A100263-02	100 µl

Specificity	Anti- p70 S6 Kinase β (Phospho-Ser423) (human moouse)
Source	Rabbit Polyclonal
Application	WB ELISA
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q9UBS0

Other Names: 14 beta; 70 kDa ribosomal protein S6 kinase 2; EC 2.7.11.1; kinase p70S6K-beta; KS6B2; p70 ribosomal S6 kinase beta; p70 S6Kbeta; p70-S6KB; p70S6K-beta; Ribosomal protein S6 kinase beta 2; RPS6KB2; S6 kinase-related kinase; S6K-beta 2; S6K2; SRK; STK14B

Specificity and Sensitivity

p70 S6 Kinase β (Phospho-Ser423) antibody detects endogenous levels of p70 S6 Kinase β only when phosphorylated at serine 423.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human p70 S6 Kinase β around the phosphorylation site of serine 423 (P-V-S^{P}-P-L).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 ELISA: 1:1000

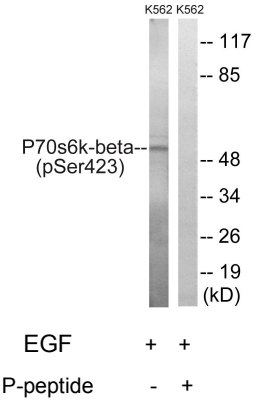
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of extracts from K562 cells, treated with EGF (200ng/ml, 5mins), using p70 S6 Kinase β (Phospho-Ser423) antibody.

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