10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

p70 S6 Kinase β (Phospho-Ser423) Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52521

Product Information

Application	WB
Primary Accession	Q9UBS0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53455

Additional Information

Gene ID	6199
Other Names	Ribosomal protein S6 kinase beta-2, S6K-beta-2, S6K2, 70 kDa ribosomal protein S6 kinase 2, P70S6K2, p70-S6K 2, S6 kinase-related kinase, SRK, Serine/threonine-protein kinase 14B, p70 ribosomal S6 kinase beta, S6K-beta, p70 S6 kinase beta, p70 S6K-beta, p70 S6KB, p70-beta, RPS6KB2, STK14B
Dilution	WB~~1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	RPS6KB2
Synonyms	STK14B
Function	Phosphorylates specifically ribosomal protein S6 (PubMed: 29750193). Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7 (PubMed:29750193).
Cellular Location	Cytoplasm. Nucleus.

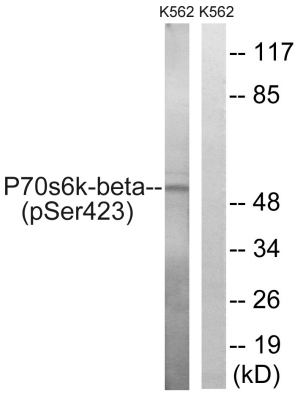
Background

Phosphorylates specifically ribosomal protein S6.

References

Gout I.,et al.J. Biol. Chem. 273:30061-30064(1998).
Saitoh M.,et al.Biochem. Biophys. Res. Commun. 253:470-476(1998).
Lee-Fruman K.K.,et al.Oncogene 18:5108-5114(1999).
Koh H.J.,et al.Submitted (OCT-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.