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AP02773PU-S Polyclonal Antibody to RPS6KB1 / STK14A - Aff - Purified

Alternate names: 70 kDa ribosomal protein S6 kinase 1, 70 kDa ribosomal protein S6 kinase 1, Ribosomal protein S6 kinase I, Ribosomal protein S6 kinase beta-1, S6K-beta-1, S6K1, Serine/threonine-protein kinase 14A, p70 S6 kinase alpha, p70 S6K-alpha, p70 S6KA, p70-S6K 1

Quantity: 50 µg

Concentration: 1.0 mg/ml

Uniprot ID: P23443

NCBI: NP_003152.1

GeneID: 6198

Host: Rabbit

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human p70 S6 Kinase around the phosphorylation site of serine 424 (P-V-S*p*-P-V).

Format:
State: Liquid purified IgG fraction
Purification: Affinity chromatography
Buffer System: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol.

Applications:
Western blot: 1/500 - 1/1000.
Immunofluorescence: 1/100 - 1/200.
Immunohistochemistry on Paraffin-Embedded Sections: 1/50 - 1/100.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:
This antibody detects endogenous levels of total p70 S6 Kinase protein.
Species: Human.
Other species not tested.

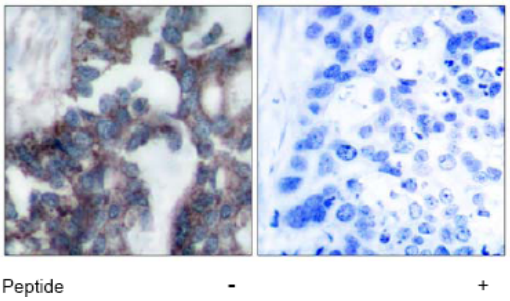
Storage:
Store the antibody (in aliquots) at -20°C.
Avoid repeated freezing and thawing.
Shelf life: One year from despatch.

General Readings:
1. Satoru Eguchi et al. (1999) J Biol Chem, Vol. 274: 36843-36851
2. Papst PJ, et al. (1998) J Biol Chem. 273(24):15077-84.
3. Ulrike Krause et al. (2002) Eur. J. Biochem. 269: 3751-3759 c
4. Le, X.F, et al. (2003) Oncogene 22: 484–97

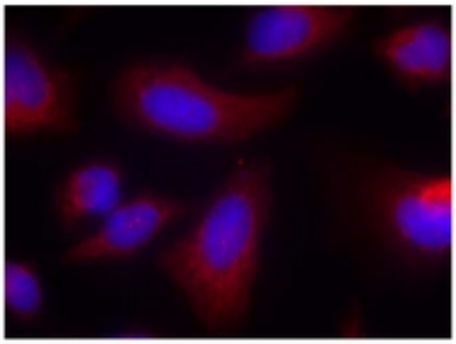
For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Pictures:

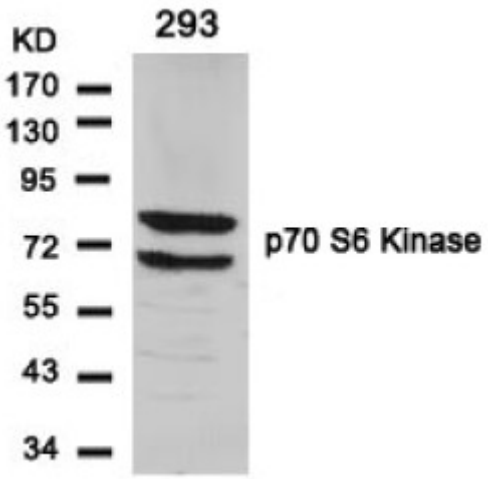
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using p70 S6 Kinase antibody.



Immunofluorescence staining of methanol-fixed HeLa cells using p70 S6 Kinase antibody (Red).



Western Blot analysis of extracts from 293 cells using p70 S6 Kinase antibody



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