Anti-Phospho-RPS6KB1-Thr444 antibody (380-460) (STJ90377)

STJ90377

GENERAL INFORMATION

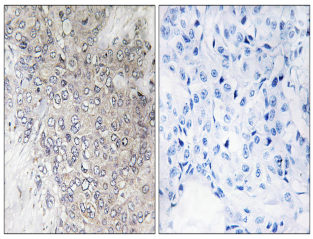
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Phospho-Ribosomal Protein S6 Kinase Beta-1-Thr444 (380-460) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications WB, IHC-P, IF, ICC, ELISA
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

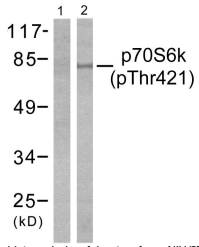
Clonality Polyclonal
Clone ID
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range WB 1:500-1:2000
IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:40000
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

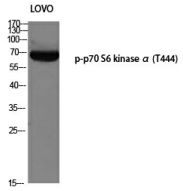
Gene ID 6198
Gene Symbol RPS6KB1
Uniprot ID KS6B1_HUMAN
Immunogen The antiserum was produced against synthesized peptide derived from human p70 S6 Kinase around the phosphorylation site of Thr421 at amino acid range 411-460
Immunogen Region 380-460
Specificity Phospho-RPS6KB1-Thr444 polyclonal antibody (Ribosomal Protein S6 Kinase Beta-1) binds to endogenous Ribosomal Protein S6 Kinase Beta-1 at the amino acid region 380-460 only when phosphorylated at Thr444.
Immunogen Sequence



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p70 S6 Kinase (Phospho-Thr421) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells treated with EGF 200ng/ml 30', using p70 S6 Kinase (Phospho-Thr421) Antibody. The lane on the left is blocked with the phospho peptide.



Western blot analysis of LOVO using p-p70 S6 kinase Alpha (T444) antibody. Antibody was diluted at 1:500

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