Anti-Phospho-RPS6KA1-Thr573 antibody (510-590) (STJ91047)

STJ91047

GENERAL INFORMATION

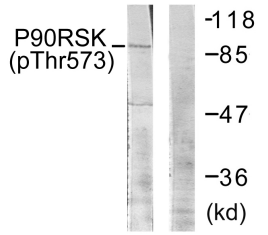
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Phospho-Ribosomal Protein S6 Kinase Alpha-1-Thr573 (510-590) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications WB, IHC-P, IF, ICC, ELISA
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

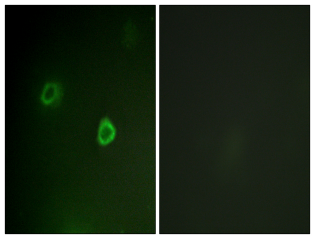
Clonality Polyclonal
Clone ID
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range WB 1:500-1:2000
IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:5000
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% 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

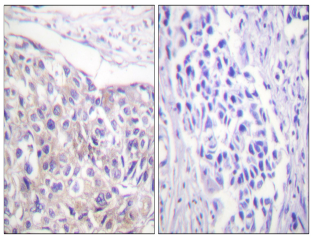
Gene ID 6195
Gene Symbol RPS6KA1
Uniprot ID KS6A1_HUMAN
Immunogen The antiserum was produced against synthesized peptide derived from human p90 RSK around the phosphorylation site of Thr573 at amino acid range 539-588
Immunogen Region 510-590
Specificity Phospho-RPS6KA1-Thr573 polyclonal antibody (Ribosomal Protein S6 Kinase Alpha-1) binds to endogenous Ribosomal Protein S6 Kinase Alpha-1 at the amino acid region 510-590 only when phosphorylated at Thr573.
Immunogen Sequence



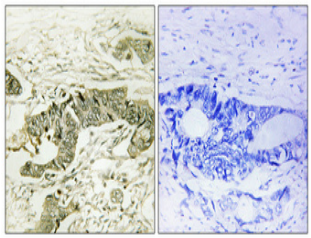
Western blot analysis of lysates from 293 cells treated with UV 30', using p90 RSK (Phospho-Thr573) Antibody. The lane on the right is blocked with the phospho peptide.



Immunofluorescence analysis of COS7 cells, using p90 RSK (Phospho-Thr573) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p90 RSK (Phospho-Thr573) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human colon cancer. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

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