

Anti-Phospho-RPS6KB1-T389 antibody (STJ11101097)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

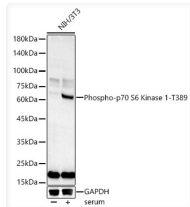
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 59kDa Observed Mw: 70kDa/85kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

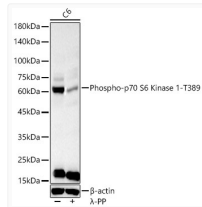
Gene ID	6198
Gene Symbol	RPS6KB1
UniProt ID	KS6B1_HUMAN
Immunogen Sequence	GFTYV
Specificity	A synthetic phosphorylated peptide around T389 of human P70S6K1 (NP_001258989.1?).

ADDITIONAL INFORMATION

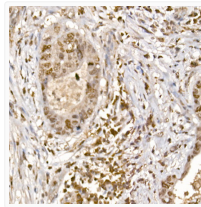
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



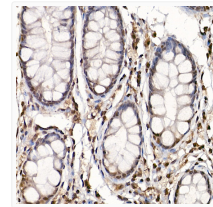
Western blot analysis of lysates from NIH/3T3 cells, using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ11101097) at 1:500 dilution. NIH/3T3 cells were treated by 10% FBS at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 90s.



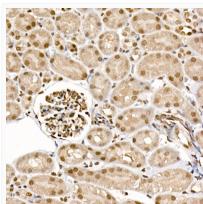
Western blot analysis of lysates from C6 cells, using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ11101097) at 1:500 dilution. C6 cells were treated by Lambda-PP mixed solution (1ul) at 30 °C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 90s.



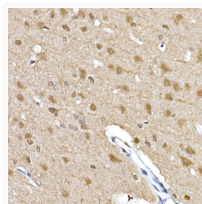
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ11101097) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human colon using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ11101097) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ11101097) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ11101097) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.