Anti-Phospho-RPS6KB1-T389 antibody (STJ113500)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

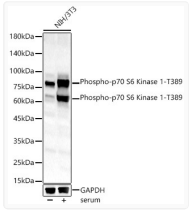
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 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

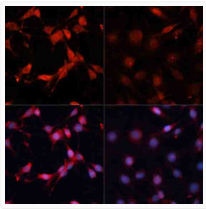
Gene ID	6198
Gene Symbol	RPS6KB1
UniProt ID	KS6B1_HUMAN
Immunogen Sequence	GFTYVA
Specificity	A synthetic phosphorylated peptide around T389 of human P70 S6K (NP_003152.1).

ADDITIONAL INFORMATION

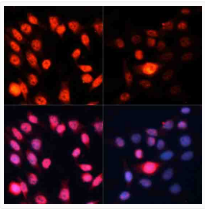
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ113500) at 1:1000 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: 180s.



Immunofluorescence analysis of C6 cells using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ113500) at dilution of 1:100. C6 cells were treated by Serum-starvation overnight at 37 °C.



Immunofluorescence analysis of HeLa cells using Phospho-p70 S6 Kinase 1-T389 Rabbit pAb (STJ113500) at dilution of 1:100. HeLa cells were treated by Serum-starvation overnight at 37 °C.