

## Anti-Phospho-PRKACA-S339 antibody (STJ113496)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human

### PRODUCT PROPERTIES

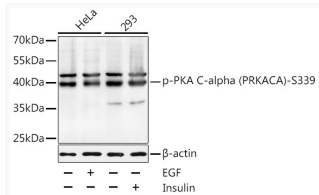
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 41kDa Observed Mw: 42kDa
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	<a href="#">5566</a>
Gene Symbol	<a href="#">PRKACA</a>
UniProt ID	<a href="#">KAPCA_HUMAN</a>
Immunogen Sequence	RVSIN
Specificity	A synthetic phosphorylated peptide around S339 of human PKA C-alpha (PRKACA) (NP_002721.1).

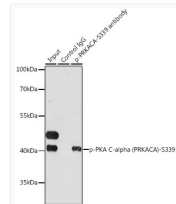
### ADDITIONAL INFORMATION

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 HeLa and 293 cells, using Phospho-PKA C-alpha (PRKACA)-S339 Rabbit pAb (STJ113496) at 1:1000 dilution. HeLa cells were treated by EGF (100ng/mL) for 30 minutes after serum-starvation overnight. 293T cells were treated by Insulin (100nM) for 10 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% BSA.



Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells, using 3 Mu g Phospho-PKA C-alpha (PRKACA)-S339 pAb (STJ113496). Western blot was performed from the immunoprecipitate using Phospho-PKA C-alpha (PRKACA)-S339 pAb (STJ113496) at a dilution of 1:1000. HeLa cells were treated by EGF (100 ng/mL) at 37 °C for 30 minutes after serum-starvation overnight.