

Anti-Phospho-PLN-S16 antibody (STJ11101042)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

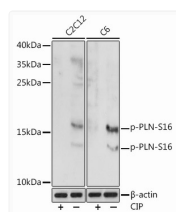
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 6kDa Observed Mw: 12KkDa/17kDa/35kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

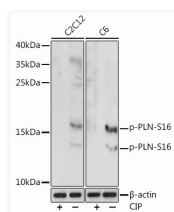
Gene ID	5350
Gene Symbol	PLN
UniProt ID	PPLA_HUMAN
Immunogen Sequence	RASTI
Specificity	A synthetic phosphorylated peptide around S16 of human PLN (NP_002658.1).

ADDITIONAL INFORMATION

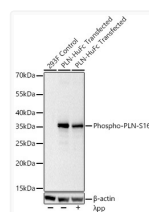
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using Phospho-PLN-S16 Rabbit pAb (STJ11101042) at 1:1000 dilution. C2C12 cells were treated by CIP (20uL/400ul) at 37 °C for 1 hour. C6 cells were treated by CIP (20uL/400ul) at 37 °C for 1 hour. 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.
Detection: ECL Basic Kit
Exposure time: 10s.



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Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit
Exposure time: 10s.



Western blot analysis of lysates from 293F cells using Phospho-PLN-S16 Rabbit pAb (STJ11101042) at 1:1000 dilution incubated overnight at 4C. 293F cells transfected with PLN were treated by I-PP mixed solution (1 Mu L) at 30C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 30 Mu g per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 10s.