

Anti-PPP1CA antibody (1-330 aa) (STJ11106833)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

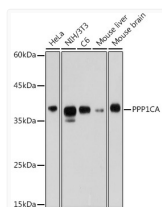
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 38kDa Observed Mw: 38kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

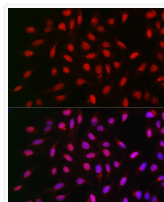
Gene ID	5499
Gene Symbol	PPP1CA
UniProt ID	PP1A_HUMAN
Immunogen Region	1-330 aa
Immunogen Sequence	MSDSEKLNLDIIIGRLLEVQ GSRPGKNVQLTENEIRGLCL KSREIFLSQPILLELEAPLK ICGDIHGQYYDLLRLFYGG FPESNYLFLGDYVDRGKQS LETICLLAYKIKYPENFFL LRGNHECASINRIYGFYDEC KRRYNIKLWKTFTDCFNCLP IAAIVDEKIFCCHGGLSPDL QSMEQIRIRMRPTDVPDQGL LCDLLWSDPKDVQGWGEND RGVSTFTGAIEVAKFLHKH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-330 of human PPP1CA (NP_002699.1).

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 PPP1CA Rabbit pAb (STJ11106833) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 1s.



Immunofluorescence analysis of U2OS cells using PPP1CA Rabbit pAb (STJ11106833) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.