

Anti-PPP2CA antibody (1-309) (STJ28785)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

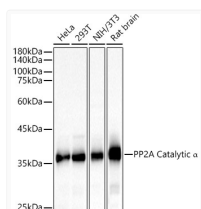
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your speci
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 36kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

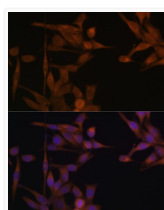
Gene ID	5515
Gene Symbol	PPP2CA
UniProt ID	PP2AA_HUMAN
Immunogen Region	1-309
Immunogen Sequence	MDEKVFTKELDQWIEQLNEC KQLSESQVKSLCEKAKEILT KESNVQEVRCPTVTCGDDVHG QFHDLMLFRIIGGKSPDTNY LFMGDYVDRGYYSVETVLL VALKVRYRERITILRGNHES RQITQVYGYFDECLRYGNA NVWKYFTDLFDYLLPLTALVD GQIFCLHGGGLSPSIDTLDDHI RALDRLQEVPHGPMCDLLW SDPDDRGWGWISPRGAGYTF GQDISETFNHANGLLTVSR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-309 of human PP2A Catalytic Alpha (NP_002706.1).

ADDITIONAL INFORMATION

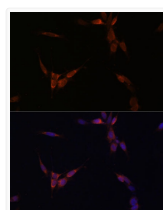
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



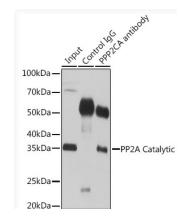
Western blot analysis of various lysates, using PP2A Catalytic Alpha antibody (STJ28785) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



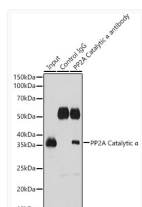
Immunofluorescence analysis of HeLa cells using PP2A Catalytic Alpha antibody (STJ28785) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using PP2A Catalytic Alpha antibody (STJ28785) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 Mu g extracts of 293T cells using 3 Mu g PP2A Catalytic Alpha antibody (STJ28785). Western blot was performed from the immunoprecipitate using PP2A Catalytic Alpha antibody (STJ28785) at a dilution of 1:1000.



Immunoprecipitation analysis of 25 Mu g extracts of Rat brain cells using 3 Mu g PP2A Catalytic Alpha antibody (STJ28785). Western blot was performed from the immunoprecipitate using PP2A Catalytic Alpha antibody (STJ28785) at a dilution of 1:1000.