

Rabbit PPP2CA Antibody | anti-PPP2CA antibody

PPP2CA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28190	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunocytochemistry, Immunoprecipitation, Immunohistochemistry, ELISA

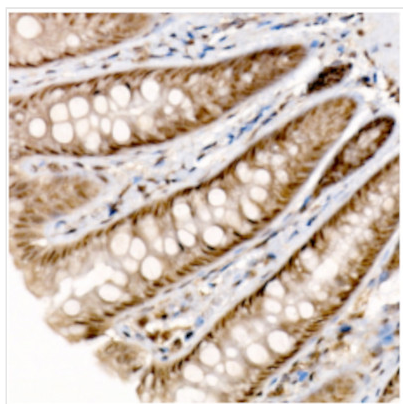
PRODUCT SYNONYMS

PPP2CA; PPP2CA Polyclonal Antibody; RP-C; PP2Ac; PP2CA; NEDLBA; PP2Calpha; PP2A Catalytic alpha; anti-PPP2CA antibody

PRODUCT SPECIFICATIONS

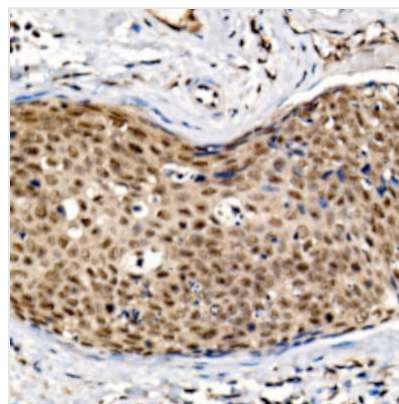
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Applicable Applications for anti-PPP2CA antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:1000 - 1:5000 IF/ICC: 1:50 - 1:200 IHC-P: 1:50 - 1:200 IP: 0.5 ug- 4ug antibody for 200 ug- 500 ug extracts of whole cells
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-309 of human PP2A Catalytic ? (NP_002706.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles

IMAGES



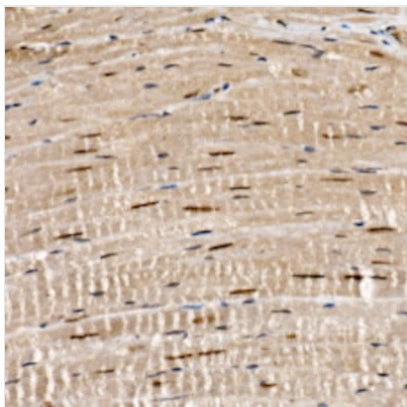
IHC (Immunohistochemistry)

Immunohistochemistry analysis of PP2A Catalytic alpha in paraffin-embedded rat colon tissue using PP2A Catalytic ? Rabbit pAb (AAA28190) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining



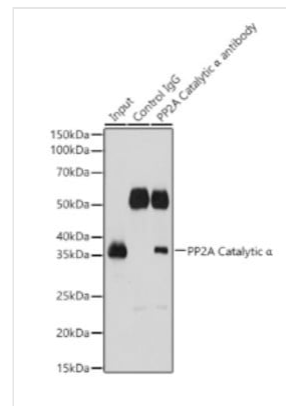
IHC (Immunohistochemistry)

Immunohistochemistry analysis of PP2A Catalytic alpha in paraffin-embedded human cervical cancer tissue using PP2A Catalytic alpha Rabbit pAb (AAA28190) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining



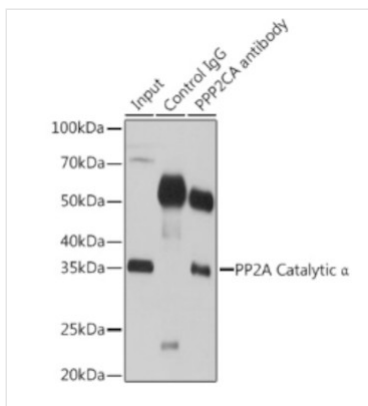
IHC (Immunohistochemistry)

Immunohistochemistry analysis of PP2A Catalytic alpha in paraffin-embedded mouse heart tissue using PP2A Catalytic alpha; Rabbit pAb (AAA28190) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining



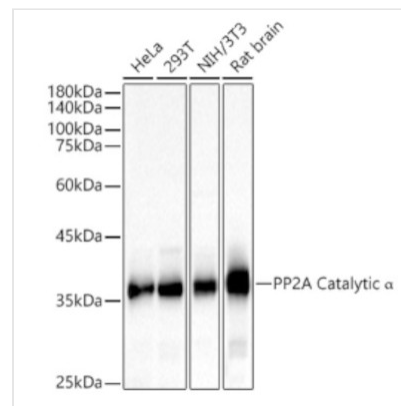
IP (Immunoprecipitation)

Immunoprecipitation analysis of 500 ug extracts of Rat brain cells using 3 ug PP2A Catalytic alpha antibody (AAA28190). Western blot was performed from the immunoprecipitate using PP2A Catalytic alpha antibody (AAA28190) at a dilution of 1:1000.



IP (Immunoprecipitation)

Immunoprecipitation analysis of 200 ug extracts of 293T cells using 3 ug PP2A Catalytic alpha antibody (AAA28190). Western blot was performed from the immunoprecipitate using PP2A Catalytic alpha antibody (AAA28190) at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of various lysates, using PP2A Catalytic alpha Rabbit pAb (AAA28190) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2CA antibody	This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes an alpha isoform of the catalytic subunit.
Product Categories/Family for anti-PPP2CA antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	54038809
NCBI GeneID	5515
UniProt Accession #	P67775; P05323; P13197
Molecular Weight	Observed MW: 36kDa Calculated MW: 36kDa
NCBI Official Full Name	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
NCBI Official Synonym Full Names	protein phosphatase 2, catalytic subunit, alpha isozyme

NCBI Official Symbol	PPP2CA
NCBI Official Synonym Symbols	RP-C; PP2Ac; PP2CA; PP2Calpha
NCBI Protein Information	serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; PP2A-alpha; replication protein C; protein phosphatase 2A catalytic subunit, alpha isoform; protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform; serine/threonine protein phosphatase 2A, catalytic subunit, alpha isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
UniProt Gene Name	PPP2CA
UniProt Synonym Gene Names	PP2A-alpha; RP-C
UniProt Entry Name	PP2AA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-rat-antibody/ppp2ca/28190>