

Rabbit PP2A alpha Polyclonal Antibody | anti-PPP2CA antibody

PP2A alpha Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288800	Rabbit	Human (Predicted Reactivity: Bovine, Pig, Rabbit)	Western Blot, Immunohistochemistry, ELISA

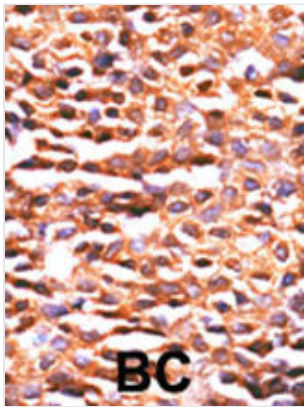
PRODUCT SYNONYMS

PP2A alpha; Polyclonal Antibody; PP2A alpha Antibody (N-term); Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; PP2A-alpha; Replication protein C; RP-C; PPP2CA; anti-PPP2CA antibody

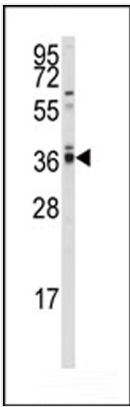
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Pig, Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PP2A alpha antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PP2A alpha.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	309
Applicable Applications for anti-PPP2CA antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-hPPP2CA/B Antibody (N-term) in A2058 cell line lysates (35ug/lane). PPP2CA/B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2CA antibody	PPP2CA/B represents 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.
Product Categories/Family for anti-PPP2CA antibody	Cancer; Cardiovascular; Cell Biology; Neuroscience; Signal Transduction
References	Gergs, U., et al., J. Biol. Chem. 279(39):40827-40834 (2004). Prickett, T.D., et al., J. Biol. Chem. 279(37):38912-38920 (2004). Scott, G.K., et al., EMBO J. 22(23):6234-6244 (2003). Rao, R.K., et al., Biochem. Biophys. Res. Commun. 293(1):610-616 (2002). Avdi, N.J., et al., J. Biol. Chem. 277(43):40687-40696 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506017
NCBI GeneID	5515
NCBI Accession #	NP_002706.1
NCBI GenBank Nucleotide #	NM_002715.2
UniProt Accession #	P67775; P05323; P13197
Molecular Weight	35594
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pp2a-alpha-antibody-western-blot-immunohistochemistry-elisa/288800>