

Rabbit PP2A Polyclonal Antibody | anti-PPP2CA antibody

Anti-PP2A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45138	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

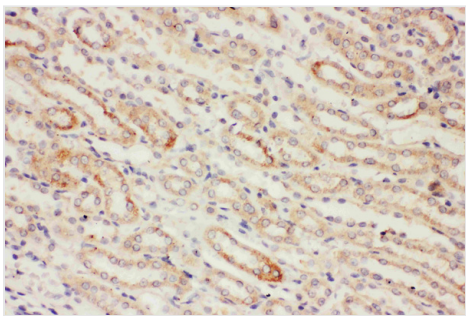
PRODUCT SYNONYMS

PP2A; Polyclonal Antibody; Anti-PP2A antibody; Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform(PP2A-alpha); protein phosphatase 2; catalytic subunit; alpha isozyme; PP2A alpha antibody; PP2A-alpha antibody; PP2AA_HUMAN antibody; PP2Aalpha antibody; PP2Ac antibody; PP2CA antibody; PP2Calpha antibody; PPP2CA antibody; Protein phosphatase 2(formerly 2A) catalytic subunit alpha isoform antibody; Protein phosphatase 2 catalytic subunit alpha isoform antibody; Protein phosphatase 2; alpha isozyme antibody; Protein phosphatase 2A catalytic subunit; alpha isoform antibody; Replication protein C antibody; RP C antibody; RP-C antibody; RPC antibody; Serine/threonine protein phosphatase 2A catalytic subunit alpha isoform antibody; Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform antibody; anti-PPP2CA antibody

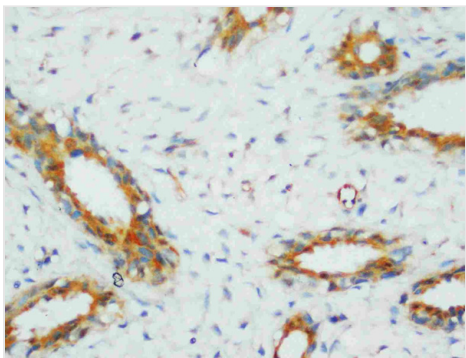
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	309
Applicable Applications for anti-PPP2CA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human PP2A (6-20aa FTKELDQWIEQLNEC), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

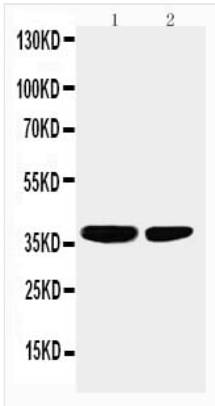
IMAGES



IHC (Immunohistochemisry)
Anti-PP2A-alpha antibody, AAA45138, IHC(P)IHC(P): Rat Kidney Tissue



IHC (Immunohiostchemistry)
Anti-PP2A-alpha antibody, AAA45138, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-PP2A-alpha antibody, AAA45138, Western blottingAll lanes: Anti PP2A-alpha(AAA45138)
at 0.5ug/mlLane 1: Rat kidney Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugPredicted bind size: 36KDObserved bind size: 36KD

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2CA antibody

Description: Rabbit IgG polyclonal antibody for Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform(PPP2CA) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: The catalytic subunit of human protein phosphatase 2A(PPP2CA) encodes a 309-amino acid polypeptide.It is localized to chromosome 5. The gene(approximately 30 kbp) is composed of seven exons and six introns. It is predicted to be important for phosphatase enzymatic activity. Methylation of the C-terminal leucine residue(Leu309) of protein serine/threonine phosphatase 2A catalytic subunit(PP2AC) is known to regulate catalytic activity in vitro. Furthermore, PP2A has a fundamental role in cardiac function, and suggests that disturbances in protein phosphatase expression and activity may cause or exacerbate the course of cardiac diseases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54038809
NCBI GeneID	5515
UniProt Accession #	P67775; P05323; P13197
Molecular Weight	29,735 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pp2a-antibody-immunohistochemistry-western-blot-elisa/45138>