

Rabbit PP2A alpha+beta Monoclonal Antibody | anti-PPP2CB antibody

PP2A alpha + beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30164	Rabbit	Human, Mouse, Rat, Zebrafish	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunoprecipitation

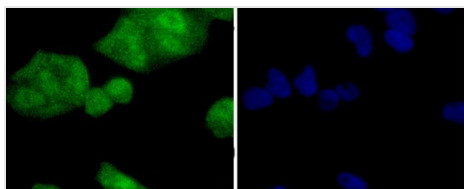
PRODUCT SYNONYMS

PP2A alpha+beta; Monoclonal Antibody; PP2A alpha + beta Antibody; PP2A A antibody; PP2A alpha antibody; PP2A B antibody; PP2A beta antibody; PP2A-alpha antibody; PP2AA_HUMAN antibody; PP2Ac antibody; PP2CB antibody; PPP2CA antibody; PPP2CB antibody; Protein phosphatase 2 catalytic subunit alpha isoform antibody; Protein phosphatase 2 catalytic subunit beta isoform antibody; Replication protein C antibody; RP C antibody; RP-C antibody; Serine/threonine protein phosphatase 2A catalytic subunit alpha isoform antibody; Serine/threonine protein phosphatase 2A catalytic subunit beta isoform antibody; Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform antibody; anti-PPP2CB antibody

PRODUCT SPECIFICATIONS

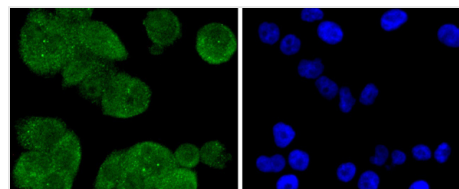
Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Monoclonal
Clone Number	SN70-08
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PPP2CB antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:1000-1:2000 IHC: 1:100-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



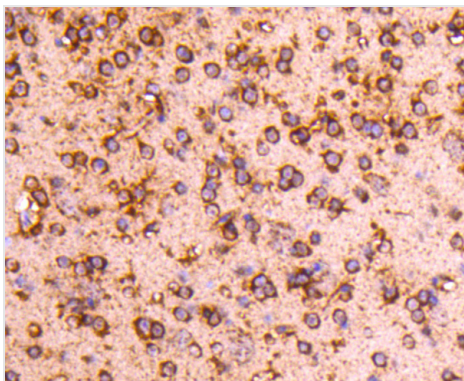
ICC (Immunocytochemistry)

ICC staining PP2A alpha + beta in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

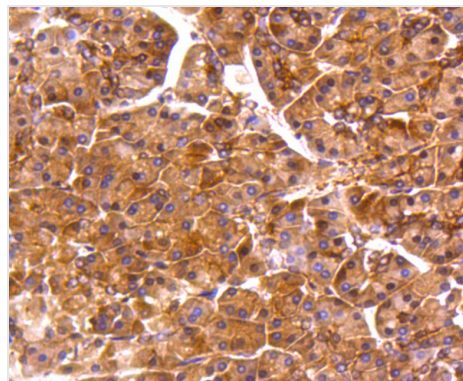


ICC (Immunocytochemistry)

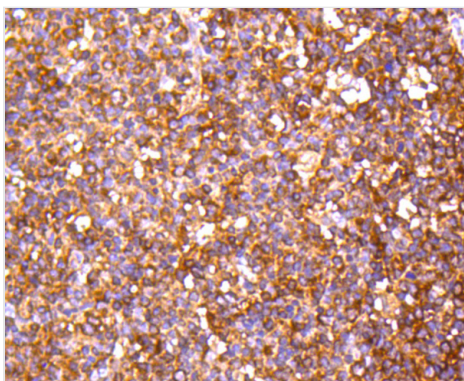
ICC staining PP2A alpha + beta in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



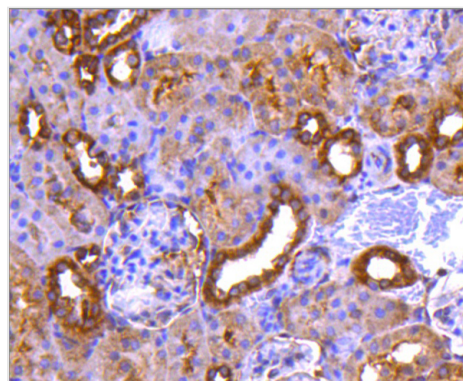
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-PP2A alpha + beta antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-PP2A alpha + beta antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-PP2A alpha + beta antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-PP2A alpha + beta antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2CB antibody	The catalytic subunit of protein phosphatase 2A (PP2A) is inactivated by in vitro phosphorylation of Tyr-307 by receptor and nonreceptor protein tyrosine kinases. The catalytic subunit of PP2A is phosphorylated by tyrosine-specific protein kinases and associates with a variety of regulatory subunits. Phosphorylation is enhanced in the presence of the phosphatase inhibitor okadaic acid, consistent with an autodephosphorylation reaction. Phosphorylation is catalyzed by p60v-src, p56lck, epidermal growth factor receptors, and insulin receptors. Transient deactivation of PP2A might enhance transmission of cellular signals through kinase cascades within cells. In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions, including cell division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases.
Product Categories/Family for anti-PPP2CB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	50402236
NCBI GeneID	5516
UniProt Accession #	P62714; P11082; Q6FHK5; D3DSV4
Molecular Weight	309
NCBI Official Full Name	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
NCBI Official Synonym Full Names	protein phosphatase 2, catalytic subunit, beta isozyme
NCBI Official Symbol	PPP2CB

NCBI Official Synonym Symbols	PP2CB; PP2Abeta
NCBI Protein Information	serine/threonine-protein phosphatase 2A catalytic subunit beta isoform; PP2A-beta; protein phosphatase type 2A catalytic subunit; protein phosphatase 2, catalytic subunit, beta isoform; protein phosphatase 2A catalytic subunit, beta isoform; protein phosph
UniProt Protein Name	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform
UniProt Gene Name	PPP2CB
UniProt Synonym Gene Names	PP2A-beta
UniProt Entry Name	PP2AB_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/monoclonal/pp2a-alpha-beta-antibody-clone-sn70-08-western-blot-immunocytochemistry-immunohistochemistry-immunoprecipitation-elisa/30164>