

Rabbit PPP4C Polyclonal Antibody | anti-PPP4C antibody

PPP4C Polyclonal Antibody

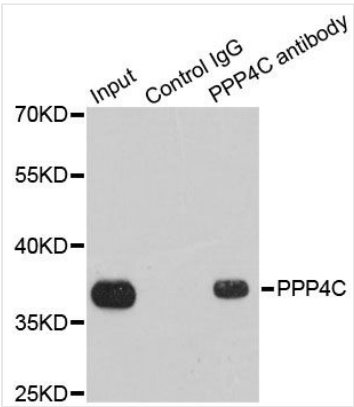
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10744	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

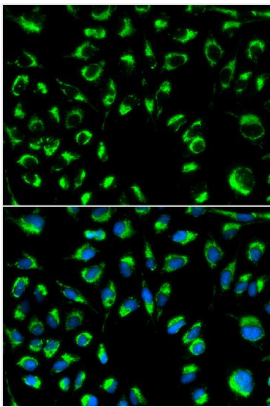
PPP4C; Polyclonal Antibody; PPP4C Polyclonal Antibody; PP4; PPX; PP4C; PPH3; PPP4; anti-PPP4C antibody

PRODUCT SPECIFICATIONS

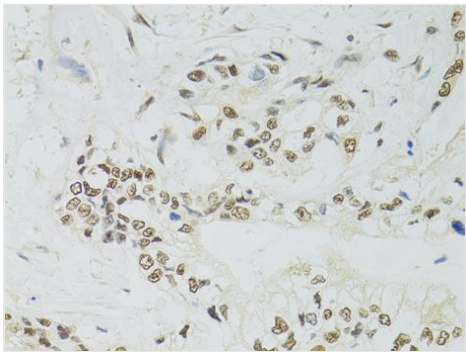
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	307
Applicable Applications for anti-PPP4C antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PPP4C
Calculated Molecular Weight	35kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



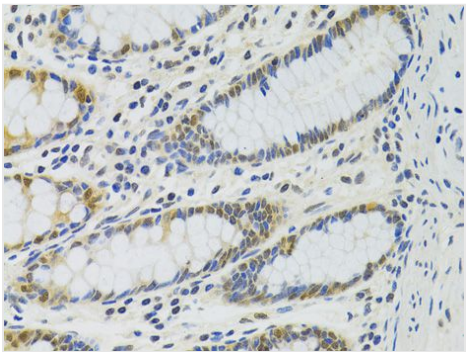
IP (Immunoprecipitation)
Immunoprecipitation analysis of 200ug extracts of 293T cells using 1ug PPP4C antibody. Western blot was performed from the immunoprecipitate using PPP4C antibody at a dilution of 1:1000.



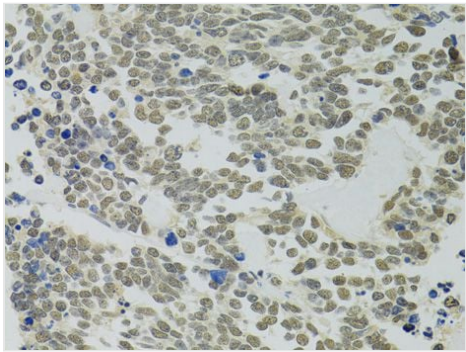
IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using PPP4C antibody. Blue: DAPI for nuclear staining.



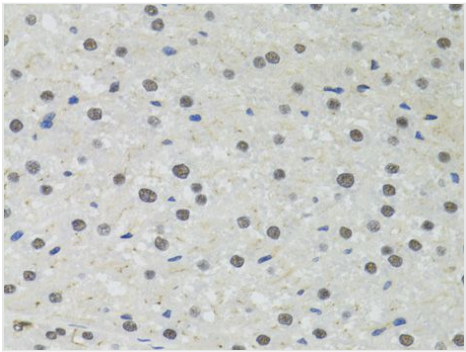
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using PPP4C antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using PPP4C antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using PPP4C antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat liver using PPP4C antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-PPP4C antibody	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 division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunits have been identified, designated PP1, PP2A, PP2B (calcineurin) and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4) is a putative member of a novel PP family.
Product Categories/Family for anti-PPP4C antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	44888846
NCBI GeneID	5531
UniProt Accession #	P60510; P33172
Molecular Weight	307
NCBI Official Full Name	Serine/threonine-protein phosphatase 4 catalytic subunit
NCBI Official Synonym Full Names	protein phosphatase 4, catalytic subunit
NCBI Official Symbol	PPP4C
NCBI Official Synonym Symbols	PP4; PPX; PP-X; PP4C; PPH3; PPP4
NCBI Protein Information	serine/threonine-protein phosphatase 4 catalytic subunit; protein phosphatase X, catalytic subunit; protein phosphatase 4 (formerly X), catalytic subunit
UniProt Protein Name	Serine/threonine-protein phosphatase 4 catalytic subunit
UniProt Gene Name	PPP4C
UniProt Synonym Gene Names	PPP4; PPX; PP4C; Pp4; PP-X
UniProt Entry Name	PP4C_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/ppp4c-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10744>