

Rabbit PPP4C Polyclonal Antibody | anti-PPP4C antibody

PPP4C Antibody

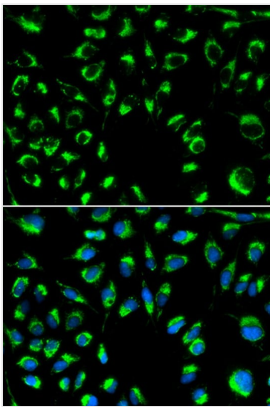
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29677	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

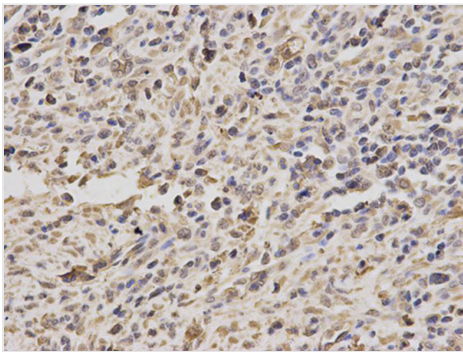
PPP4C; Polyclonal Antibody; PPP4C Antibody; PP4; PPX; PP4C; PPH3; PPP4; anti-PPP4C antibody

PRODUCT SPECIFICATIONS

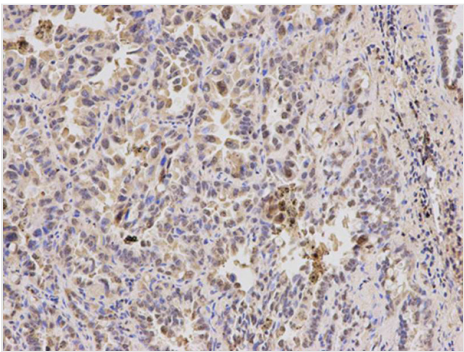
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PPP4C protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	307
Applicable Applications for anti-PPP4C antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PPP4C.
Target Name	PPP4C
Preparation and Storage	Store at -20 degree C



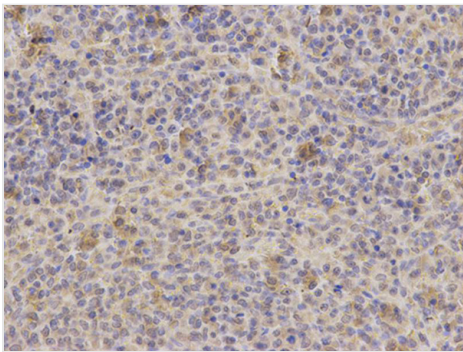
IF (Immunofluorescence)
Immunofluorescence analysis of MCF7 cell using PPP4C antibody. Blue: DAPI for nuclear staining.



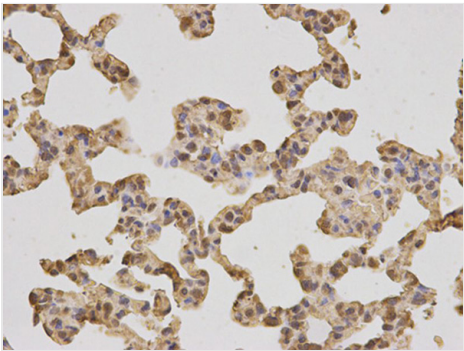
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat spleen using PPP4C antibody at dilution of 1:200 (400x lens).



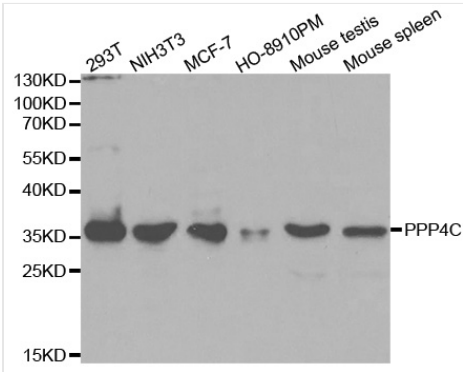
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat lung using PPP4C antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human stomach cancer using PPP4C antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung cancer using PPP4C antibody at dilution of 1:200 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PPP4C antibody.

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	746816144
NCBI GeneID	5531
NCBI Accession #	NP_001290432.1
NCBI GenBank Nucleotide #	NM_001303503.1
UniProt Accession #	P60510; P33172
Molecular Weight	35,080 Da
NCBI Official Full Name	serine/threonine-protein phosphatase 4 catalytic subunit isoform 1
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
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/29677>