

Rabbit PPP6C Polyclonal Antibody | anti-PPP6C antibody

PPP6C Antibody (C-term)

CATALOG # AAA289238	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

PPP6C; Polyclonal Antibody; PPP6C Antibody (C-term); Serine/threonine-protein phosphatase 6 catalytic subunit; PP6C; N-terminally processed; PPP6; anti-PPP6C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP6C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 275-305 amino acids from the C-terminal region of human PPP6C.
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	275-305
Sequence Length	342
Applicable Applications for anti-PPP6C antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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 (Immunohistochemistry)

PPP6C Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PPP6C Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of anti-PPP6C Antibody (C-term) in Jurkat cell line lysates (35ug/lane). PPP6C(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP6C antibody	PPP6C belongs to the PPP phosphatase family, PP-V subfamily. Reversible phosphorylation of proteins on serine and threonine residues is an important biochemical event that regulates a broad variety of intracellular processes. The phosphorylation state is determined by the well-controlled balance of activities of serine/threonine-specific protein kinases and protein phosphatases, including PPP6C. Expression levels are highest in testis, heart, and skeletal muscle and lowest in placenta, lung, and kidney. PPP6C can complement mutations in the <i>S. cerevisiae</i> Sit4 and <i>S. pombe</i> ppe1 genes, indicating that PPP6C is the functional homolog of yeast Sit4p and ppe1. Since Sit4p is required for the G1 to S transition of the cell cycle and ppe1 is involved in cell shape control and mitotic division, it has been suggested that PPP6C functions in cell cycle regulation.
Product Categories/Family for anti-PPP6C antibody	Signal Transduction
References	Yang, J., et al., EMBO J. 24(1):1-10 (2005). Zhou, G., et al., J. Biol. Chem. 279(45):46595-46605 (2004). Huang, S., et al., J. Biol. Chem. 279(35):36490-36496 (2004). Swingle, M.R., et al., J. Biol. Chem. 279(32):33992-33999 (2004). Wechsler, T., et al., Proc. Natl. Acad. Sci. U.S.A. 101(5):1247-1252 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	183603929
NCBI GeneID	5537
NCBI Accession #	NP_001116827.1; NP_001116841.1; NP_002712.1
NCBI GenBank Nucleotide #	NM_001123355.1
UniProt Accession #	O00743; Q5U0A2; Q9UIC9; B2R5V6; B7Z2W9; B7Z5K9
Molecular Weight	35144
NCBI Official Full Name	serine/threonine-protein phosphatase 6 catalytic subunit isoform a
NCBI Official Synonym Full Names	protein phosphatase 6, catalytic subunit
NCBI Official Symbol	PPP6C
NCBI Official Synonym Symbols	PP6; PP6C
NCBI Protein Information	serine/threonine-protein phosphatase 6 catalytic subunit
UniProt Protein Name	Serine/threonine-protein phosphatase 6 catalytic subunit
UniProt Gene Name	PPP6C
UniProt Synonym Gene Names	PPP6; PP6C
UniProt Entry Name	PPP6_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/ppp6c-antibody-immunohistochemistry-western-blot-elisa/289238>