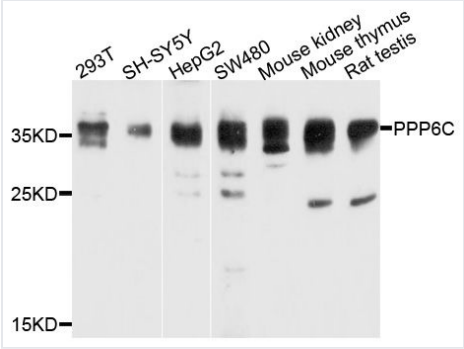
PPP6C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPP6C, Polyclonal Antibody
Full Product Name	PPP6C Polyclonal Antibody
Product Gene Name	anti-PPP6C antibody
Product Synonym Names	PP6; PP6C
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity Purification
Concentration	1mg/ml (lot specific)
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.
Molecular Weight	305
OMIM	612725
3D Structure	ModBase 3D Structure for O00743
Species	Human
Immunogen	Recombinant protein of human PPP6C
Calculated Molecular Weight	35kDa
Product Categories/Family for anti-PPP6C antibody	Polyclonal
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PPP6C antibody	Western Blot (WB)
Application Notes for anti-PPP6C antibody	WB: 1:200-1:2000
Related Product Information for anti-PPP6C antibody	This gene encodes the catalytic subunit of protein phosphatase, a component of a signaling pathway regulating cell cycle progression. Splice variants encoding different protein isoforms exist. The pseudogene of this gene is located on chromosome X.
Other Notes	Small volumes of anti-PPP6C antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PPP6C purchase	MBS128613 is an antibody targeting PPP6C. Also known as PPP6C Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-PPP6C antibody
Western blot analysis of extracts of various cell lines, using PPP6C antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit.Exposure time: 90s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP6C. It may not necessarily be applicable to this product.

NCBI GI #	3183123
NCBI GeneID	5537
NCBI Accession #	O00743.1
UniProt Primary Accession #	O00743
UniProt Secondary Accession #	Q5U0A2; Q9UIC9; B2R5V6; B7Z2W9; B7Z5K9
UniProt Related Accession #	O00743
NCBI Official Full Name	Serine/threonine-protein phosphatase 6 catalytic subunit
NCBI Official Synonym Full Names	protein phosphatase 6, catalytic subunit
NCBI Official Symbol	PPP6C
NCBI Official Synonym Symbols	PP6; PP6C
UniProt Protein Name	Serine/threonine-protein phosphatase 6 catalytic subunit
Protein Family	Serine/threonine-protein phosphatase
UniProt Gene Name	PPP6C
UniProt Synonym Gene Names	PPP6; PP6C
UniProt Entry Name	PPP6_HUMAN
NCBI Protein Information	serine/threonine-protein phosphatase 6 catalytic subunit; serine/threonine protein phosphatase catalytic subunit
UniProt Comments for PPP6C	PPP6C: a Ser/Thr phosphatase. A functional homologue of budding yeast Sit4p and fission yeast ppe1, which are involved in cell cycle regulation. Protein type: Motility/polarity/chemotaxis; EC 3.1.3.16; Protein phosphatase, Ser/Thr (non-receptor) Chromosomal Location of Human Ortholog: 9q33.3 Cellular Component: cytosol Molecular Function: protein binding; metal ion binding; protein serine/threonine phosphatase activity Biological Process: protein amino acid dephosphorylation; G1/S transition of mitotic cell cycle

Research Articles on PPP6C	**1.** PP6c associates with E-cadherin in adherens junctions and is required to oppose casein kinase-1 to maintain cell surface localization of E-cadherin.
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