PPP4R2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPP4R2, Polyclonal Antibody
Full Product Name	PPP4R2 Polyclonal Antibody
Product Gene Name	anti-PPP4R2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	40kDa; 46kDa
OMIM	613822
3D Structure	ModBase 3D Structure for Q9NY27
Immunogen	Recombinant protein of human PPP4R2 (NP_777567.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PPP4R2 antibody	Western Blot (WB)
Application Notes for anti-PPP4R2 antibody	WB: 1:500-1:2000
Related Product Information for anti-PPP4R2 antibody	The protein encoded by this gene is a regulatory subunit of the serine/threonine-protein phosphatase 4 complex. In addition to being required for efficient DNA double strand break repair, this complex plays a role in organization of microtubules at centrosomes and processing of spliceosomal snRNPs. Several transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-PPP4R2 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 PPP4R2 purchase	MBS8573113 is an antibody targeting PPP4R2. Also known as PPP4R2 Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP4R2. It may not necessarily be applicable to this product.

NCBI GI #	28372531
NCBI GeneID	151987
NCBI Accession #	NP_777567.1
UniProt Primary Accession #	Q9NY27

UniProt Related Accession #	Q9NY27
GenBank Nucleotide #	NP_777567.1
NCBI Official Full Name	serine/threonine-protein phosphatase 4 regulatory subunit 2 isoform 1
NCBI Official Synonym Full Names	protein phosphatase 4 regulatory subunit 2
NCBI Official Symbol	PPP4R2
NCBI Official Synonym Symbols	PP4R2
UniProt Protein Name	Serine/threonine-protein phosphatase 4 regulatory subunit 2
Protein Family	Serine/threonine-protein phosphatase
UniProt Gene Name	PPP4R2
UniProt Entry Name	PP4R2_HUMAN
NCBI Protein Information	serine/threonine-protein phosphatase 4 regulatory subunit 2
UniProt Comments for PPP4R2	PPP4R2: a protein of unknown function. Protein type: Protein phosphatase, regulatory subunit Chromosomal Location of Human Ortholog: 3p13 Cellular Component: nucleoplasm; centrosome; cytoplasm; nucleus Molecular Function: protein binding, bridging; protein binding; protein phosphatase type 4 regulator activity Biological Process: regulation of catalytic activity; RNA splicing; protein modification process; hemopoietic progenitor cell differentiation; mRNA processing
Research Articles on PPP4R2	**1.** Results from a study on gene expression variability markers in early-stage human embryos shows that PPP4R2 is a putative expression variability marker for the 3-day, 8-cell embryo stage.
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