

Product datasheet for **AP05044PU-N**

PPP2R5D Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blotting. Immunofluorescence.
Reactivity:	Bovine, Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide conjugated to KLH derived from the N-terminus of PP2A/B delta
Specificity:	This antibody reacts to PP 2A/B delta.
Formulation:	Phosphate buffered saline with 0.08% sodium azide State: Purified State: Liquid purified Ig (0.2 µm sterile filtered)
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20°C only. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein phosphatase 2 regulatory subunit B'delta
Database Link:	Entrez Gene 21770 Mouse Entrez Gene 363193 Rat Entrez Gene 5528 Human Q14738



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Background:	PP2A is a heterotrimeric phosphatase, composed of A, B and C subunits. The structural A and catalytic C subunits form the constitutive core of the enzyme, which associates with one of a large number of regulatory B subunits. Three families of B subunits have been identified thus far. The prototypical B (or PR55) family of subunits is encoded by three genes, Ba, Bb and Bg. The B' (or B56) family consists of at least seven splice variants derived from five genes. RNA's for the two members of the B family, PR72 and PR130, arise by alternative splicing or use of alternate transcription start sites from the same gene. Primary structures as well as functions of B and B' subunits are conserved from yeast to mammals. Bd is a novel isoform of the B class of PP2A regulatory subunits. It is widely expressed in rat tissues and appears to be involved in targeting PP2A to the cytosolic compartment.
Synonyms:	Protein phosphatase 2A, PP2A B subunit B'delta isoform, PP2A B subunit B56 delta isoform, PP2A B subunit PR61 delta isoform, PP2A B subunit R5 delta isoform
Protein Families:	Phosphatase
Protein Pathways:	Oocyte meiosis, Wnt signaling pathway