

PPP2R5A Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51855

Product Information

Application	WB, ICC
Primary Accession	Q15172
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56194

Additional Information

Gene ID	5525
Other Names	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform, PP2A B subunit isoform B'-alpha, PP2A B subunit isoform B56-alpha, PP2A B subunit isoform PR61-alpha, PR61alpha, PP2A B subunit isoform R5-alpha, PPP2R5A
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PPP2R5A. The exact sequence is proprietary.
Dilution	WB~~1:1000 ICC~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PPP2R5A
Function	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and might also direct the localization of the catalytic enzyme to a particular subcellular compartment.
Cellular Location	Cytoplasm. Nucleus. Chromosome, centromere. Note=From mitotic prophase to metaphase, localizes at the inner centromere between a pair of sister kinetochores. Decreased expression at the onset of anaphase
Tissue Location	Widely expressed with the highest expression in heart and skeletal muscle

Background

The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.

References

- McCright B.,et al.J. Biol. Chem. 270:26123-26128(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Zolnierowicz S.,et al.Biochem. J. 317:187-194(1996).

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