

Product name:	PPP2R3C Rabbit Polyclonal Antibody
Cat number:	ABN16429
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human PPP2R3C. AA range:165-214
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight:	55kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	This gene encodes a regulatory subunit of the serine/threonine phosphatase, protein phosphatase 2. This protein is localized to both nuclear and cytoplasmic regions depending on cell cycle phase. Homozygous conditional knockout mice for this gene exhibit reduced numbers and impaired proliferation of immune system B cells. This protein may regulate the expression of the P-glycoprotein ATP-binding cassette transporter through its phosphatase activity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015],developmental stage:Expressed in fetal brain.,function:May regulate MCM3AP phosphorylation through phosphatase recruitment. May play a role in the activation-induced cell death of B-cells.,similarity:Contains 2 EF-hand domains.,subcellular location:Excluded from the nucleoli. Localization is cell cycle-dependent. Localizes to the cytoplasm during cytokinesis.,subunit:Interacts with MCM3AP/GANP (By similarity). Interacts with PPP5C, and the phosphatase 2A core enzyme composed of the PPP2CA catalytic subunit and the constant regulatory subunit PPP2R1A.,tissue specificity:Ubiquitously expressed in brain and other tissues.,