

PP2BB Polyclonal Antibody

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| Catalog No : | YN2056 |
| Reactivity : | Human;Rat;Mouse |
| Applications : | WB;ELISA |
| Target : | PP2BB |
| Fields : | >>MAPK signaling pathway;>>Calcium signaling pathway;>>cGMP-PKG signaling pathway;>>Oocyte meiosis;>>Cellular senescence;>>Wnt signaling pathway;>>Axon guidance;>>VEGF signaling pathway;>>Osteoclast differentiation;>>C-type lectin receptor signaling pathway;>>Natural killer cell mediated cytotoxicity;>>Th1 and Th2 cell differentiation;>>Th17 cell differentiation;>>T cell receptor signaling pathway;>>B cell receptor signaling pathway;>>Long-term potentiation;>>Glutamatergic synapse;>>Dopaminergic synapse;>>Oxytocin signaling pathway;>>Glucagon signaling pathway;>>Renin secretion;>>Alzheimer disease;>>Amyotrophic lateral sclerosis;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Amphetamine addiction;>>Tuberculosis;>>Human cytomegalovirus infection;>>Human T-cell leukemia virus 1 infection;>>Kaposi sarcoma-associated herpesvirus infection;>>Human immunodeficiency virus 1 infection;>>PD-L1 expression and PD-1 checkpoint pathway in cancer;>>Lipid and atherosclerosis |
| Gene Name : | PPP3CB CALNA2 CALNB CNA2 |
| Protein Name : | Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform (EC 3.1.3.16) (CAM-PRP catalytic subunit) (Calmodulin-dependent calcineurin A subunit beta isoform) |
| Human Gene Id : | 5532 |
| Human Swiss Prot No : | P16298 |
| Mouse Swiss Prot No : | P48453 |
| Rat Swiss Prot No : | P20651 |
| Immunogen : | Synthesized peptide derived from part region of human protein |
| Specificity : | PP2BB Polyclonal Antibody detects endogenous levels of protein. |

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| Formulation : | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500-2000 ELISA 1:5000-20000 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 57kD |
| Cell Pathway : | MAPK_ERK_Growth;MAPK_G_Protein;Calcium;Oocyte meiosis;Apoptosis_Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;WNT;WNT-T CELLAxon guidance;VEGF;Natural killer cell mediated cytotoxicity;T_Cell_ |
| Background : | alternative products:Additional isoforms seem to exist. Calcineurin A beta isoform consists of at least two isoenzymes that may result from alternative splicing events,catalytic activity:A phosphoprotein + H(2)O = a protein + phosphate.,cofactor:Binds 1 Fe(3+) ion per subunit.,cofactor:Binds 1 zinc ion per subunit.,function:Calcium-dependent, calmodulin-stimulated protein phosphatase. This subunit may have a role in the calmodulin activation of calcineurin.,similarity:Belongs to the PPP phosphatase family.,similarity:Belongs to the PPP phosphatase family. PP-2B subfamily.,subunit:Composed of two components (A and B), the A component is the catalytic subunit and the B component confers calcium sensitivity., |
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| Subcellular Location : | Cytoplasm . |
| Expression : | Teratocarcinoma,Testis, |
| Sort : | 21003 |

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| No4 : | <u>1</u> |
| Host : | <u>Rabbit</u> |
| Modifications : | <u>Unmodified</u> |

Products Images