

Immunotag™ PP2BB Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2056
Product Description	Immunotag™ PP2BB Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PP2BB
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PP2BB Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PPP3CB CALNA2 CALNB CNA2
Accession No.	P16298 P48453 P20651

Antibody Specification

Description	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.,
Cell Pathway/ Category	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_Receptor,B_Cell_Antigen,Long-term potentiation,Alzheimer's disease,Amyotrophic lateral sclerosis (ALS),
Protein Expression	Teratocarcinoma,Testis,
Subcellular Localization	nucleoplasm,cytosol,plasma membrane,calcineurin complex,Z disc,T-tubule,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.