



Anti-PPP3R1 polyclonal antibody (DPABH-04805)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.
Immunogen	Recombinant Human Calcineurin B protein expressed in E. coli, containing substitutions of Ala for Cys11 and Lys for Cys153.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Ammonium Sulphate Precipitation
Conjugate	Unconjugated
Applications	WB, IP, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituents: 30% Glycerol, 0.2M Tris glycine, 0.15M Sodium chloride, 0.1mM EDTA, pH 7.4
Preservative	0.05% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	PPP3R1 protein phosphatase 4, regulatory subunit B, alpha [Homo sapiens]
Official Symbol	PPP3R1
Synonyms	PPP3R1; protein phosphatase 3, regulatory subunit B, alpha; CNB; CNB1; CALNB1; calcineurin subunit B type 1; calcineurin B, type I (19kDa); protein phosphatase 2B regulatory subunit 1; protein phosphatase 2B regulatory subunit B alpha; protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform; protein phosphatase 3 (formerly 2B), regulatory subunit B (19kD), alpha isoform (calcineurin B, type I); protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I);
Entrez Gene ID	5534
Protein Refseq	NP_000936.1
UniProt ID	P63098
Pathway	Activation of BAD and translocation to mitochondria; Alzheimers disease; Alzheimers Disease; Amphetamine addiction
Function	calcium ion binding; calcium-dependent protein serine/threonine phosphatase activity; calmodulin binding; protein binding