



# Anti-PPP3R1 polyclonal antibody (DPABH-04805)

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

## PRODUCT INFORMATION

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

## GENE INFORMATION

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Gene Name	<a href="#">PPP3R1 protein phosphatase 4, regulatory subunit B, alpha [ Homo sapiens ]</a>
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	<a href="#">5534</a>
Protein Refseq	<a href="#">NP_000936.1</a>
UniProt ID	<a href="#">P63098</a>
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

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