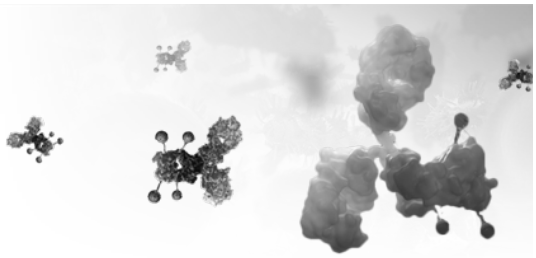

Anti-PPP3CA (aa 1-84) polyclonal antibody (DPAB-DC2401)

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

PRODUCT INFORMATION

Antigen Description	PPP3CA (protein phosphatase 3, catalytic subunit, alpha isozyme) is a protein-coding gene. Diseases associated with PPP3CA include osteomyelitis, and down syndrome critical region, and among its related super-pathways are Fc epsilon RI signaling pathway and BCR signaling pathway. GO annotations related to this gene include enzyme binding and calcium ion binding. An important paralog of this gene is PPP3CC.
Immunogen	PPP3CA (NP_000935, 1 a.a. ~ 84 a.a) partial recombinant protein with GST tag. The sequence is MSEPKAIDPKLSTTDRVVKAVPFPPSHRLTAKEVFDNDGKPRVDILKAHLMKEGRLEESV ALRIITEGASILRQEKNLLDIDAP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	PPP3CA protein phosphatase 3, catalytic subunit, alpha isozyme [Homo sapiens (human)]
Official Symbol	PPP3CA
Synonyms	PPP3CA; protein phosphatase 3, catalytic subunit, alpha isozyme; CALN; CCN1; CNA1; CALNA; PPP2B; CALNA1; serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; calcineurin A alpha; CAM-PRP catalytic subunit; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform;
Entrez Gene ID	5530
Protein Refseq	NP_000935
UniProt ID	Q08209
Chromosome Location	4q24
Pathway	Alzheimers disease; Alzheimers Disease; Amphetamine addiction; Amyotrophic lateral sclerosis (ALS)
Function	calcium ion binding; calmodulin binding; calmodulin-dependent protein phosphatase activity; drug binding

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