

DNAxPAb

Hard-to-Find
Antibody

PPP3CC DNAxPab

Catalog # H00005533-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPP3CC DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSGRRFHLSTTDRIKAVPFPPTQRLTFKEVFENGKPKVDVLKNHLVKEGRLEEEVALKIINDGAAI LRQEKTMIEVDAPITVCGDIHGQFFDLMKLFEVGGSPSNTRYLFLGDYVDRGYFSIECVLYLSLKI NHPKTLFLLRGNHECRHLTDYFTFKQECRIKYEQVYDACMETFDCLPLAALLNQQFLCVHGGMS PEITSLDDIRKLDRTTEPPAFGPVCDLLWSDPSEDYGNKLTLEHYTHNTVRGCSYFYSYPVCEFL QNNLLSIIRAHEAQDAGYRMYRKSQATGFPSLITIFSAPNYLDVYNNKAAVLKYENNVMNIRQFNC SPHPYWLPNFMDVFTWSLPFVGEKVTEMLVNVLNICSDDELISDDEAEGSTTVRKEIIRNKIRAIGK MARVFSILRQESSESVLTLKGLTPTGTPLGLVLSGGKQTETATVEAVEAREAIRGFSLQHKIRSFEE ARGLDRINERMPPRKDSIHAGGPMKSVTSAHSHAAHRSDQGKKAHS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PPP3CC

Entrez GeneID [5533](#)

GeneBank Accession# [NM_005605.3](#)

Protein Accession# [NP_005596.2](#)

Gene Name PPP3CC

Gene Alias CALNA3

Gene Description protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform

Omim ID [114107](#)

Gene Ontology [Hyperlink](#)

Gene Summary Calmodulin-dependent protein phosphatase, calcineurin, is involved in a wide range of biologic activities, acting as a Ca(2+)-dependent modifier of phosphorylation status. In testis, the motility of the sperm is thought to be controlled by cAMP-dependent phosphorylation and a unique form of calcineurin appears to be associated with the flagellum. The calcineurin holoenzyme is composed of catalytic and regulatory subunits of 60 and 18 kD, respectively. At least 3 genes, calcineurin A-alpha (CALNA1; MIM 114105), calcineurin A-beta (CALNA2; MIM 114106), and calcineurin A-gamma (CALNA3), have been cloned for the catalytic subunit. These genes have been identified in humans, mice, and rats, and are highly conserved between species (90 to 95% amino acid identity).[s applied by OMIM

Other Designations calcineurin A gamma

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Calcium signaling pathway](#)

- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Amphetamine-Related Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Neuropsychological Tests](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)