

Datasheet for ABIN653332
anti-Calcineurin B antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	Calcineurin B (CAN)
Binding Specificity:	AA 3-29, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calcineurin B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PPP3R2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-29 amino acids from the N-terminal region of human PPP3R2.
Clone:	RB22165
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Calcineurin B (CAN)
Alternative Name:	PPP3R2 (CAN Products)

Target Details

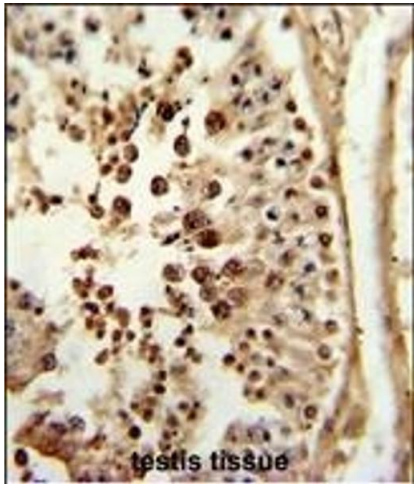
Background:	PPP3R2 is regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. This protein confers calcium sensitivity (By similarity).
Molecular Weight:	19533
Gene ID:	5535
NCBI Accession:	NP_671709
UniProt:	Q96LZ3
Pathways:	Cellular Glucan Metabolic Process , VEGF Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

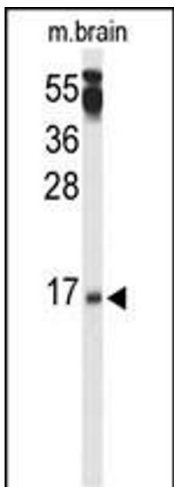
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



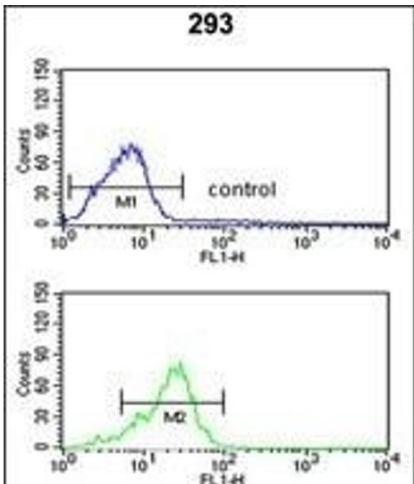
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with P3R2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of P3R2 Antibody (N-term) (ABIN653332 and ABIN2842820) in mouse brain tissue lysates (35 µg/lane). P3R2 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. P3R2 Antibody (N-term) (ABIN653332 and ABIN2842820) flow cytometric analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.