

Datasheet for ABIN6264397
anti-Calcineurin B antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Calcineurin B (CAN)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calcineurin B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human PPP3R2, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	PPP3R2 Antibody detects endogenous levels of total PPP3R2.
Predicted Reactivity:	Bovine
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Calcineurin B (CAN)
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Target Details

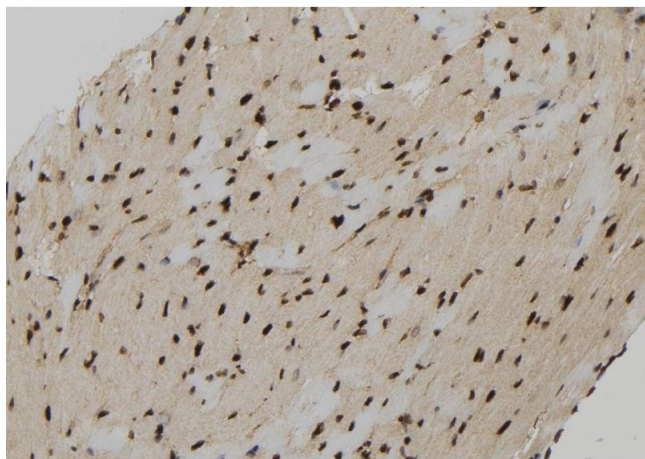
Alternative Name:	PPP3R2 (CAN Products)
Background:	Description: Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity (By similarity). Gene: PPP3R2
Molecular Weight:	20 kDa
Gene ID:	5535
UniProt:	Q96LZ3
Pathways:	Cellular Glucan Metabolic Process , VEGF Signaling

Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

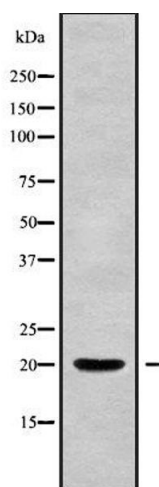
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunohistochemistry

Image 1. ABIN6279207 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of PPP3R2 using HepG2 whole cell lysates