

Datasheet for ABIN7146472

anti-Calmodulin 1 antibody (AA 2-149)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Calmodulin 1 (Calm1)
Binding Specificity:	AA 2-149
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calmodulin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Calmodulin protein (2-149AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Calmodulin 1 (Calm1)
Alternative Name:	CALM1 (Calm1 Products)
Background:	Background: Calmodulin mediates the control of a large number of enzymes, ion channels, aquaporins and other proteins by Ca ²⁺ . Among the enzymes to be stimulated by the

Target Details

calmodulin-Ca²⁺ complex are a number of protein kinases and phosphatases. Together with CCP110 and centrin, is involved in a genetic pathway that regulates the centrosome cycle and progression through cytokinesis.

Aliases: Calmodulin-1, CALM1, CALM CAM CAM1

UniProt: [P62158](#)

Pathways: [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#), [Phototransduction](#), [BCR Signaling](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

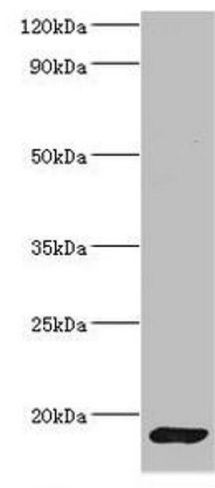
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot All lanes: CALM1 antibody at 2 μ g/mL + Mouse skeletal muscle tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 17 kDa Observed band size: 17 kDa