

Datasheet for ABIN7440557

anti-Caldesmon antibody (AA 434-531)

5 Images

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Overview

Quantity:	100 µL
Target:	Caldesmon (CALD1)
Binding Specificity:	AA 434-531
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caldesmon antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Caldesmon (CALD)
Immunogen:	Recombinant Caldesmon (CALD) corresponding to Lys434~Val531
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CALD. It has been selected for its ability to recognize CALD in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

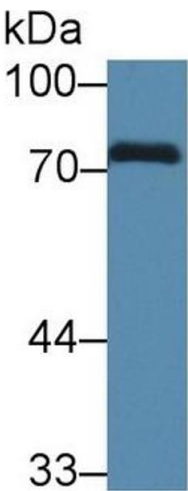
Target:	Caldesmon (CALD1)
Alternative Name:	Caldesmon (CALD1 Products)
Background:	CALD1, CDM, H-CAD, L-CAD, NAG22
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

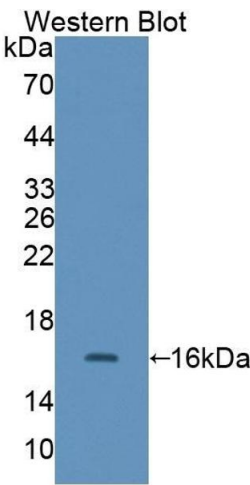
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



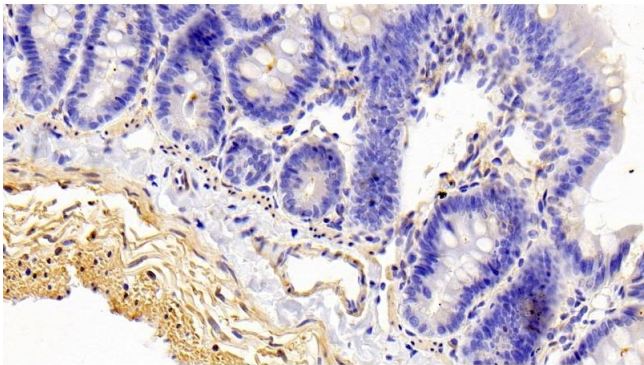
Western Blotting

Image 1. Detection of CALD in Human HepG2 cell lysate using Polyclonal Antibody to Caldesmon (CALD)



Western Blotting

Image 2. Detection of Recombinant CALD, Rat using Polyclonal Antibody to Caldesmon (CALD)



Immunohistochemistry

Image 3. Detection of CALD in Rat Colon Tissue using Polyclonal Antibody to Caldesmon (CALD)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7440557.