Datasheet for ABIN949991

anti-Caldesmon antibody (AA 1-538)

3 Images

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Overview

Quantity:	100 µL
Target:	Caldesmon (CALD1)
Binding Specificity:	AA 1-538
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caldesmon antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human CALD1 protein.
Immunogen:	CALD1 (NP_004333.1, 1 a.a. ~ 538 a.a) full-length human protein.
Sequence:	MDDFERRREL RRQKREEMRL EAERIAYQRN DDDEEEAARE RRRRARQERL RQKQEEESLG QVTDQVEVNA QNSVPDEEAK TTTTNTQVEG DDEAAFLERL ARREERRQKR LQEALERQKE FDPTITDASL SLPSRRMQND TAENETTEKE EKSESRQERY EIEETETVTK SYQKNDWRDA EENKKEDKEK EEEEEEKPKR GSIGENQIKD EKIKKDKEPK EEVKSFMDRK KGFTEVKSQN GEFMTHKLKH TENTFSRPGG RASVDTKEAE GAPQVEAGKR LEELRRRRGE TESEEFEKLK QKQQEAALEL EELKKKREER RKVLEEEEQR RKQEEADRKL REEEEKRRLK EEIERRRAEA AEKRQKMPED GLSDDKKPFK CFTPKGSSLK IEERAEFLNK SVQKSSGVKS THQAAIVSKI DSRLEQYTSA IEGTKSAKPT KPAASDLPVP AEGVRNIKSM WEKGNVFSSP TAAGTPNKET AGLKVGVSSR INEWLTKTPD GNKSPAPKPS DLRPGDVSSK RNLWEKQSVD KVTSPTKV

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Product Details

Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	Caldesmon (CALD1)
Alternative Name:	CALD1 (CALD1 Products)
Background:	Full Gene Name: caldesmon 1 Synonyms: CDM,H-CAD,L-CAD,MGC21352,NAG22
Gene ID:	800
NCBI Accession:	NM_004342
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	No additive
Preservative:	Without preservative
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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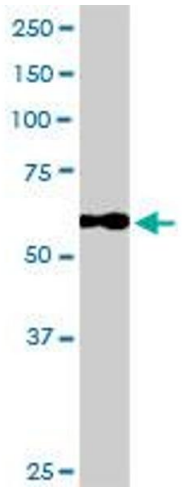
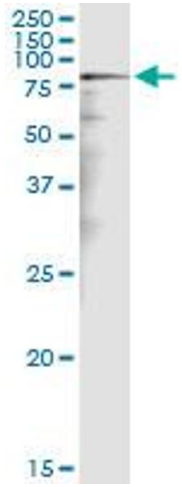


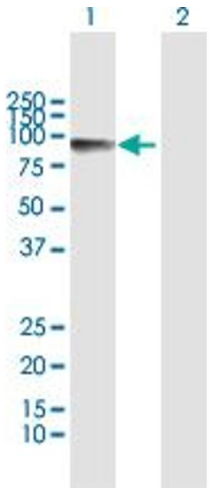
Western Blotting

Image 1. CALD1 MaxPab rabbit polyclonal antibody. Western Blot analysis of CALD1 expression in mouse intestine.



Immunoprecipitation

Image 2. Immunoprecipitation of CALD1 transfected lysate using anti-CALD1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead , and immunoblotted with CALD1 purified MaxPab mouse polyclonal antibody (B01P) .



Western Blotting

Image 3. Western Blot analysis of CALD1 expression in transfected 293T cell line by CALD1 MaxPab polyclonal antibody.

Lane 1: CALD1 transfected lysate(62.7 KDa).

Lane 2: Non-transfected lysate.

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