



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CALD1 (Human) IP-WB Antibody Pair

Catalog # : H00000800-PW1

規格 : [ 1 Set ]

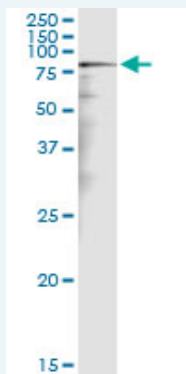
List All

### Specification

**Product Description:** This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

**Reactivity:** Human

**Quality Control Testing:** Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of CALD1 transfected lysate using rabbit polyclonal anti-CALD1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-CALD1.

**Supplied Product:** Antibody pair set content:  
 1. Antibody pair for IP: rabbit polyclonal anti-CALD1 (300 ul)  
 2. Antibody pair for WB: mouse purified polyclonal anti-CALD1 (50 ug)

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

### Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [800](#)

**Gene Name:** CALD1

**Gene Alias:** CDM,H-CAD,L-CAD,MGC21352,NAG22

**Gene Description:** caldesmon 1

**Omim ID:** [114213](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a calmodulin- and actin-binding protein that plays

an essential role in the regulation of smooth muscle and nonmuscle contraction. The conserved domain of this protein possesses the binding activities to Ca(2+)-calmodulin, actin, tropomyosin, myosin, and phospholipids. This protein is a potent inhibitor of the actin-tropomyosin activated myosin MgATPase, and serves as a mediating factor for Ca(2+)-dependent inhibition of smooth muscle contraction. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

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**Other** -  
**Designations:**

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### Gene Pathway

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[Vascular smooth muscle contraction](#)

### Related Disease

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[Diabetes Mellitus, Type 1](#) [Diabetic Nephropathies](#) [Genetic Predisposition to Disease](#)  
[Tobacco Use Disorder](#)

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