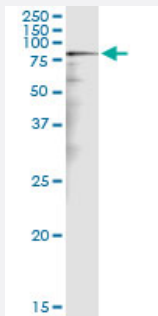


CALD1 (Human) IP-WB Antibody Pair

Catalog # H00000800-PW1

Size 1 Set

Applications



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

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 Info — CALD1

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]

Other Designations -

Pathway

- [Vascular smooth muscle contraction](#)

Disease

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