

Datasheet for ABIN7303956

anti-Caldesmon antibody (C-Term, pSer789)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	Caldesmon (CALD1)
Binding Specificity:	C-Term, pSer789
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caldesmon antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Caldesmon (pS789).
Specificity:	Recognizes endogenous levels of Caldesmon (pS789) protein.
Characteristics:	Rabbit polyclonal antibody to Caldesmon (pS789)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Caldesmon (CALD1)
Alternative Name:	Caldesmon (CALD1 Products)

Target Details

Background:	CAD, CDM, Caldesmon, CDM
Gene ID:	800, 25687
UniProt:	Q05682 , Q62736
Pathways:	Myometrial Relaxation and Contraction

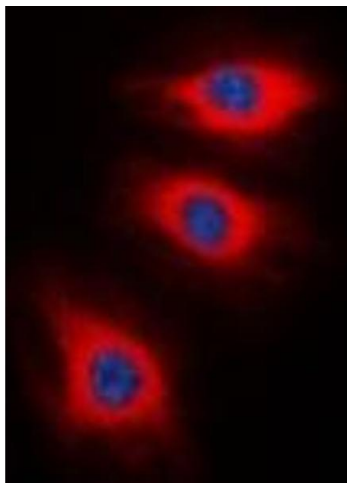
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

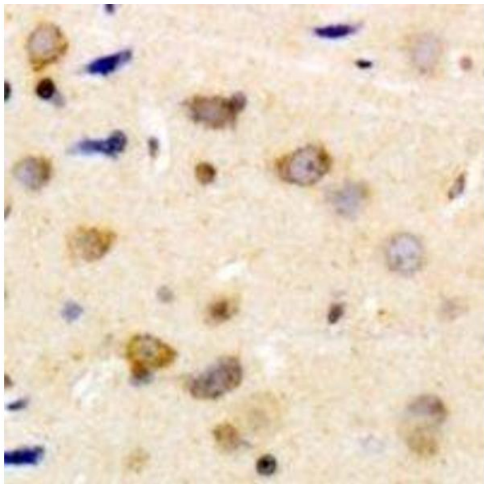
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



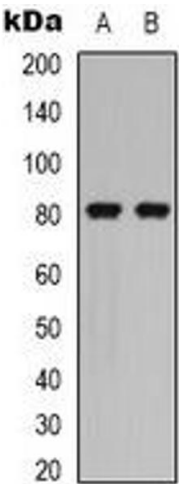
Immunofluorescence

Image 1. Immunofluorescent analysis of Caldesmon (pS789) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the prima



Immunohistochemistry

Image 2. Immunohistochemical analysis of Caldesmon (pS789) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubate



Western Blotting

Image 3. Western blot analysis of Caldesmon (pS789) expression in HEK293T PMA-treated (A), NIH3T3 (B) whole cell lysates.