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Datasheet for ABIN2856731 anti-CRTAP antibody

2 Images



Overview

Quantity:	100 μL
Target:	CRTAP
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRTAP antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human CRTAP. The
	exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to Cartilage-associated protein (cartilage associated protein)
	Cartilage-associated protein antibody [N2C3-2]
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	CRTAP
Alternative Name:	cartilage associated protein (CRTAP Products)

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Target Details Background: The protein encoded by this gene is similar to the chicken and mouse CRTAP genes. The encoded protein is a scaffolding protein that may influence the activity of at least one member of the cytohesin/ARNO family in response to specific cellular stimuli. Defects in this gene are associated with osteogenesis imperfecta, a connective tissue disorder characterized by bone fragility and low bone mass.

Cellular Localization: Secreted , extracellular space , extracellular matrix

Molecular Weight:	47 kDa
Gene ID:	10491
UniProt:	075718

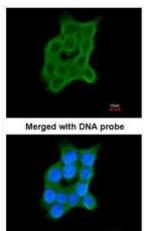
Application Details

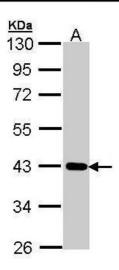
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Positive Control: A431
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.79 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A431, using Cartilage-associated protein, antibody at 1:200 dilution.

Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: A431 , 10% SDS PAGE antibody diluted at 1:1000

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