

Datasheet for ABIN7297626
anti-BCAR1 antibody (pTyr249)



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2 Images

Overview

Quantity:	100 µL
Target:	BCAR1
Binding Specificity:	pTyr249
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human p130 Cas.
Specificity:	Recognizes endogenous levels of p130 Cas (pY249) protein.
Characteristics:	Rabbit polyclonal antibody to p130 Cas (pY249)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	BCAR1
Alternative Name:	p130 Cas (BCAR1 Products)
Background:	CAS, CASS1, CRKAS, Breast cancer anti-estrogen resistance protein 1, CRK-associated

Target Details

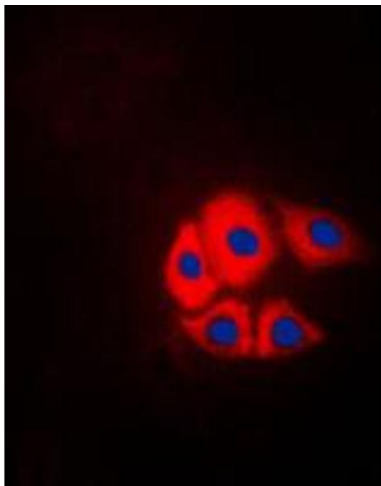
	substrate, Cas scaffolding protein family member 1, p130cas
Gene ID:	9564, 12927, 25414
UniProt:	P56945 , Q61140 , Q63767
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , CXCR4-mediated Signaling Events , Platelet-derived growth Factor Receptor Signaling

Application Details

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

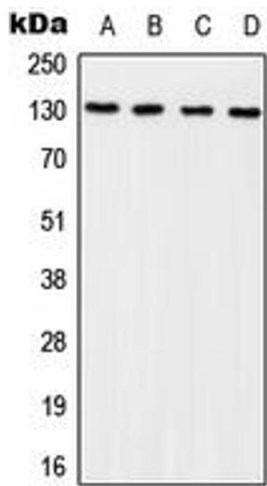
Handling

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



Immunofluorescence

Image 1. Immunofluorescent analysis of p130 Cas (pY249) staining in NIH3T3 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 primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Western Blotting

Image 2. Western blot analysis of p130 Cas (pY249) expression in HEK293T EGF-treated (A), NIH3T3 EGF-treated (B), Raw264.7 EGF-treated (C), PC12 EGF-treated (D) whole cell lysates.