Datasheet for ABIN7139001

anti-BCAR1 antibody (pTyr410)

2 Images

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Overview

Quantity:	100 µL
Target:	BCAR1
Binding Specificity:	pTyr410
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 410(G-V-Y(p)-A-V) derived from Human p130 Cas .
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

Target Details

Target:	BCAR1
Alternative Name:	BCAR1 (BCAR1 Products)

Target Details

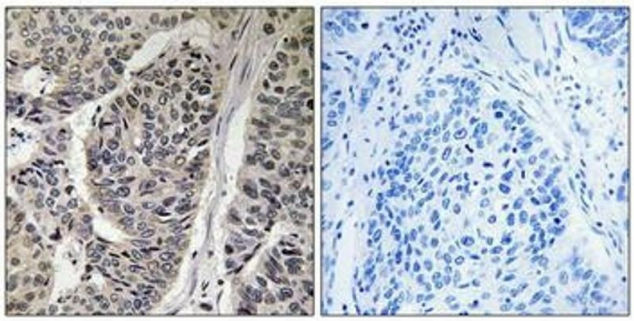
Background:	Background: Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion. Implicated in induction of cell migration. Overexpression confers antiestrogen resistance on breast cancer cells. Katarzyna Modzelewska, J. Biol. Chem., Dec 2006, 281: 37527 - 37535. Kevin Ogden, Am J Physiol Heart Circ Physiol, Dec 2006, 291: H2857 - H2863. Sangkil Nam, Cancer Res., Oct 2005, 65: 9185 - 9189. Norikazu Yamana, Mol. Cell. Biol., Sep 2006, 26: 6844 - 6 Aliases: BCAR 1 antibody, Bcar1 antibody, BCAR1_HUMAN antibody, Breast cancer anti estrogen resistance 1 antibody, Breast cancer anti estrogen resistance 1 protein antibody, Breast cancer anti-estrogen resistance protein 1 antibody, CAS antibody, Cas scaffolding protein family member 1 antibody, CAS1 antibody, Cass1 antibody, Crk associated substrate antibody, Crk associated substrate p130Cas antibody, CRK-associated substrate antibody, CRKAS antibody, FLJ12176 antibody, FLJ45059 antibody, p130cas antibody
UniProt:	P56945
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, IHC:1:50-1:100,
Restrictions:	For Research Use only

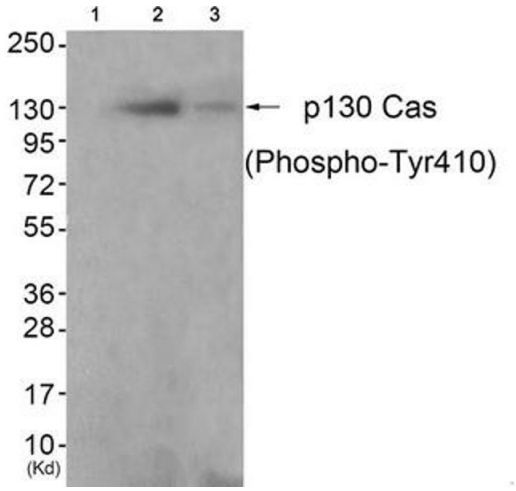
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using p130 Cas (Phospho-Tyr410) antibody (left)or the same antibody preincubated with blocking peptide (right).



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells (Lane 2) and 3T3 cells (Lane 3), using P130 Cas(Phospho-Tyr410) Antibody. The lane on the left is treated with antigen-specific peptide.