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Datasheet for ABIN6256674 anti-Crk antibody (pTyr221)

4 Images



Overview

Quantity:	100 µL
Target:	Crk (CRK)
Binding Specificity:	pTyr221
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Crk antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human CrkII around the phosphorylation site of Tyrosine 221
lsotype:	IgG
Specificity:	Phospho-CrkII (Tyr221) Antibody detects endogenous levels of CrkII only when phosphorylated at Tyrosine 221
Cross-Reactivity:	Human, Monkey, Mouse (Murine), Rat (Rattus)
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Target Details

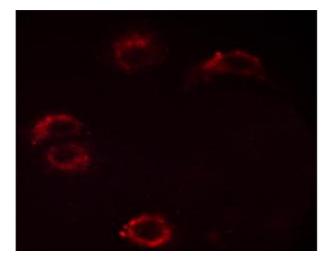
Target:

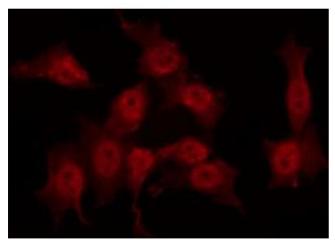
Crk (CRK)

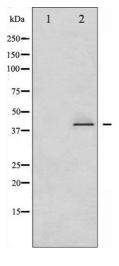
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Alternative Name:	CrkII (CRK Products)
Background:	Description: Isoform Crk-II: Regulates cell adhesion, spreading and migration. Mediates attachment-induced MAPK8 activation, membrane ruffling and cell motility in a Rac-dependent manner. Involved in phagocytosis of apoptotic cells and cell motility via its interaction with DOCK1 and DOCK4. May regulate the EFNA5-EPHA3 signaling. Gene: CRK
Molecular Weight:	42kDa
Gene ID:	1398
UniProt:	P46108
Pathways:	Neurotrophin Signaling Pathway, CXCR4-mediated Signaling Events, Signaling of Hepatocyte Growth Factor Receptor
Application Details	
Application Notes:	WB 1:500-1:2000 IF/ICC 1:100-1:500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline,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
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months

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Immunofluorescence (fixed cells)

Image 1. ABIN6267532 staining HUVEC cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.

Immunofluorescence (fixed cells)

Image 2. ABIN6267532 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

Western Blotting

Image 3. Western blot analysis of CrkII phosphorylation expression in COS7 whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

Please check the product details page for more images. Overall 4 images are available for ABIN6256674.

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