

Datasheet for ABIN7271253
anti-Crk antibody (pTyr221)



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1 Image

Overview

Quantity:	100 µL
Target:	Crk (CRK)
Binding Specificity:	pTyr221
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Crk antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-CRK/CRKII-Y221 Rabbit mAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y221 of human CRK/CRKII
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	Crk (CRK)
Alternative Name:	CRK (CRK Products)

Target Details

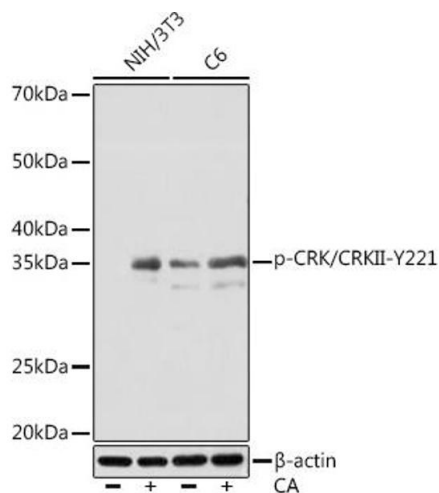
Background:	This gene encodes a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. The product of this gene has several SH2 and SH3 domains (src-homology domains) and is involved in several signaling pathways, recruiting cytoplasmic proteins in the vicinity of tyrosine kinase through SH2-phosphotyrosine interaction. The N-terminal SH2 domain of this protein functions as a positive regulator of transformation whereas the C-terminal SH3 domain functions as a negative regulator of transformation. Two alternative transcripts encoding different isoforms with distinct biological activity have been described. [provided by RefSeq, Jul 2008],CRKII, p38,Cancer,Cell Biology & Developmental Biology,Cytoskeleton,Cytoskeleton_Actins,Endocrine & Metabolism,ErbB-HER Signaling Pathway,Immunology & Inflammation,Insulin Receptor Signaling Pathway,MAPK-Erk Signaling Pathway,MAPK-JNK Signaling Pathway,Protein phosphorylation,Signal Transduction,CRK
Molecular Weight:	34kDa
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
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Phospho-CRK/CRKII-Y221 Rabbit mAb (ABIN7271253) at 1:1000 dilution. Both NIH/3T3 cells and C6 cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3 % BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.