

# Phospho-CRK/CRKII-Y221 Rabbit mAb

Catalog No.: AP1150 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

34kDa

### Calculated MW

34kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Mouse, Rat

### CloneNo number

ARC1640

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

1398

### Swiss Prot

P46108

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

p38; CRKII; Phospho-CRK/CRKII-Y221

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

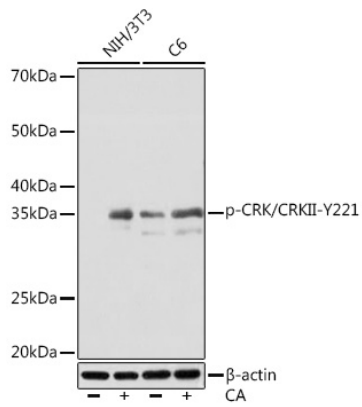
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using Phospho-CRK/CRKII-Y221 Rabbit mAb (AP1150) at 1:1000 dilution. Both NIH/3T3 cells and C6 cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.