

Datasheet for ABIN680338
anti-Crk antibody (AA 211-304)



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Overview

Quantity:	100 µL
Target:	Crk (CRK)
Binding Specificity:	AA 211-304
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Crk antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Crk p38 /CrkII
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Crk (CRK)
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Target Details

Alternative Name: Crk p38 ([CRK Products](#))

Background: Synonyms: CRK, CRK isoform 2, CrkII, CRK isoform II, CRKII, p38, Proto oncogene C crk, v crk avian sarcoma virus CT10 oncogene homolog, v crk sarcoma virus CT10 oncogene homolog, v crk sarcoma virus CT10 oncogene homolog avian, Adapter molecule crk, Avian sarcoma virus CT10 v crk oncogene homolog.

Background: Crk p38 (CrkII) is an isoform of the protein Crk. CrkI and CrkII are produced from the same crk gene by alternative splicing. The two isoforms differ in their biological activities with CrkII having less transforming activity than CrkI. Crk p38 is a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. It 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. Crk is believed to be a regulator of invasive responses because increased levels of the protein have been observed in multiple human cancers. In vivo studies have demonstrated that decreased levels of Crk remarkably inhibits tumor formation and its invasive growth.

Gene ID: 1398

Pathways: [Neurotrophin Signaling Pathway](#), [CXCR4-mediated Signaling Events](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months