

Datasheet for ABIN680347

anti-Crk antibody (AA 211-304) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Crk (CRK)
Binding Specificity:	AA 211-304
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Crk antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, 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)
Alternative Name:	Crk p38 (CRK Products)

Target Details

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 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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