Datasheet for ABIN3043046

anti-CrkL antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	CrkL (CRKL)
Binding Specificity:	AA 286-303, C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Crk-like protein(CRKL) detection. Tested with WB in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human CrkL(286-303aa FPFTHVKIFDPQNPDENE), different from the related mouse and rat sequences by one amino acid.
Sequence:	FPFTHVKIFD PQNPDENE
Isotype:	IgG
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.
Characteristics:	Rabbit IgG polyclonal antibody for Crk-like protein(CRKL) detection. Tested with WB in

Product Details

	Human,Mouse,Rat. Gene Name: v-crk sarcoma virus CT10 oncogene homolog(avian)-like Protein Name: Crk-like protein
Purification:	Immunogen affinity purified.

Target Details

Target:	CrkL (CRKL)
Alternative Name:	CRKL (CRKL Products)
Background:	CRKL(v-crk sarcoma virus CT10 oncogene homolog(avian)-like) also called ONCOGENE CRKL, encodes a 303-amino acid polypeptide with a predicted molecular mass of 36 kD. While CRKL is not the human homolog of CRK, it is similar to protein-tyrosine kinases with SH2 and SH3(src homology) domains. By fluorescence in situ hybridization, the CRKL gene is localized to chromosome 22q11, centromeric of the chronic myelogenous leukemia breakpoint region. Senechal et al.(1996) showed that CRKL becomes phosphorylated when overexpressed, activates Ras-dependent and JNK pathways, and transforms fibroblasts. The authors also found CRKL to be a substrate for the BCR-ABL tyrosine kinase, leading them to conclude thatCRKL is a tyrosine kinase and an oncogene. Crkl was required for normal cellular responses to Fgf8, including survival and migration, Erk activation, and target gene expression. Synonyms: Crk L antibody|Crk like protein antibody|Crk-like protein antibody|Crkl antibody|CRKL_HUMAN antibody|Crkol antibody|HGNC:2363 antibody|Oncogene CrkL antibody|V crk avian sarcoma virus CT10 oncogene homolog like antibody|v crk sarcoma virus CT10 oncogene homolog(avian) like antibody|V crk sarcoma virus CT10 oncogene homolog avian like antibody
UniProt:	P46109
Pathways:	Interferon-gamma Pathway, Neurotrophin Signaling Pathway, Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	WB: Concentration: 0.1-0.5 μg/mL, Tested Species: Human, Rat, Predicted Species: Mouse Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.

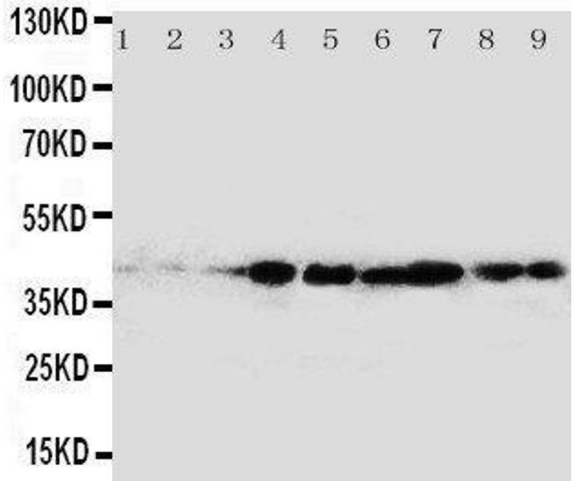
Application Details

Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Images



Western Blotting

Image 1.

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