

Basic Information

Product Name	Anti-CRK Antibody
Gene Name	CRK
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	Polypeptide
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	38 kDa
Dilution Ratios	Western blot (WB):1:500-2000

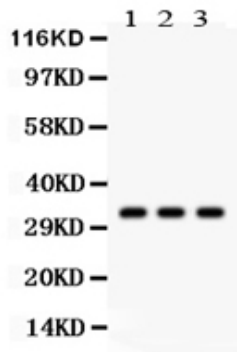
Storage

12 months from date of receipt, -20°C as supplied.

Background Information

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.

Selected Validation Data



Western blot analysis of CRK using anti-CRK antibody (BA3812-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: rat thymus tissue lysates,

Lane 2: human Hela whole cell lysates,

Lane 3: human SMMC whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-CRK antigen affinity purified polyclonal antibody (BA3812-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CRK at approximately 38 kDa. The expected band size for CRK is at 34 kDa.