

Anti-CrkL Antibody

Catalog # ABO11116

Product Information

Application	WB
Primary Accession	P46109
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Crk-like protein(CRKL) detection. Tested with WB in Human;Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	1399
Other Names	Crk-like protein, CRKL
Calculated MW	33777
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse
Source	Eukaryota
Protein Name	Crk-like protein
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
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.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	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.
Sequence Similarities	Belongs to the CRK family.

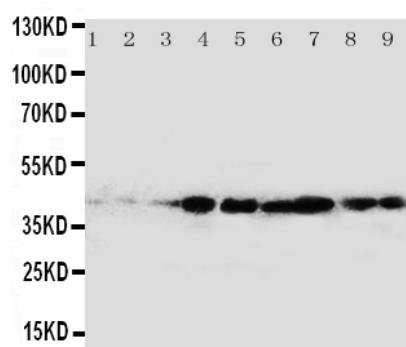
Protein Information

Name	CRKL
Function	May mediate the transduction of intracellular signals.

Background

CRKL(v-crk sarcoma virus CT10 oncogene homolog(avian)-like) also called ONCOGENE γ CRKL, encodes a 303-amino acid polypeptide with a predicted molecular mass of 36 kD. While γ 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 γ CRKL gene is localized to chromosome 22q11, centromeric of the chronic myelogenous leukemia breakpoint region. Senechal et al.(1996) showed that γ CRKL becomes phosphorylated when overexpressed, activates Ras-dependent and JNK pathways, and transforms fibroblasts. The authors also found γ 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.

Images



Anti-CrkL antibody, ABO11116, Western blottingAll lanes:
Anti CrkL (ABO11116) at 0.5ug/mlLane 1: Rat Spleen
Tissue Lysate at 50ugLane 2: Rat Ovary Tissue Lysate at
50ugLane 3: Rat Testis Tissue Lysate at 50ugLane 4:
MM231 Whole Cell Lysate at 40ugLane 5: A431 Whole Cell
Lysate at 40ugLane 6: MCF-7 Whole Cell Lysate at
40ugLane 7: MM231 Whole Cell Lysate at 40ugLane 8:
MM543 Whole Cell Lysate at 40ugLane 9: JURKAT Whole
Cell Lysate at 40ugPredicted bind size: 42KDObserved
bind size: 42KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.