

Anti-Crk p38 Picoband Antibody

Catalog # ABO11808

Product Information

Application	WB, IHC-P
Primary Accession	P46108
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Adapter molecule crk(CRK) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

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

Additional Information

Gene ID	1398
Other Names	Adapter molecule crk, Proto-oncogene c-Crk, p38, CRK
Calculated MW	33831
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5 µg/ml, Human, Mouse, Rat
Subcellular Localization	Cytoplasm . Cell membrane . Translocated to the plasma membrane upon cell adhesion. .
Source	Eukaryota
Protein Name	Adapter molecule crk
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E.coli-derived human Crk p38 recombinant protein (Position: A2-R246). Human Crk p38 shares 99% and 100% amino acid (aa) sequences identity with mouse and rat Crk p38, respectively.
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.

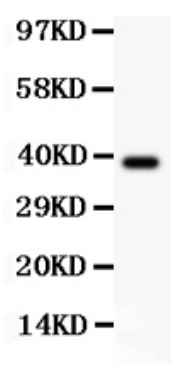
Protein Information

Name	CRK
Function	Involved in cell branching and adhesion mediated by BCAR1- CRK-RAPGEF1 signaling and activation of RAP1.
Cellular Location	Cytoplasm. Cell membrane. Note=Translocated to the plasma membrane upon cell adhesion.

Background

CRK, also known as p38 or CRKII, is a protein that in humans is encoded by the CRK gene. This gene is a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. It is mapped to 17p13.3. The CRK protein participates in the Reelin signaling cascade downstream of DAB1. 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.

Images

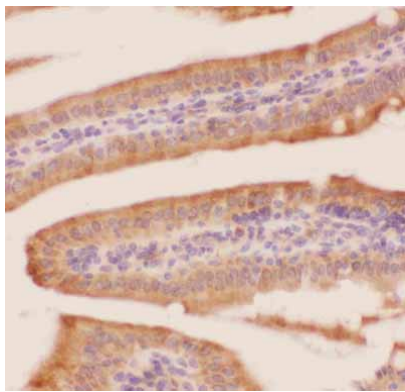


Anti-Crk p38 Picoband antibody, ABO11808-1.jpg
All lanes:
Anti Crk p38 (ABO11808) at 0.5ug/ml
WB: Recombinant Human CRKp38 Protein 0.5ng
Predicted bind size: 38KD
Observed bind size: 38KD

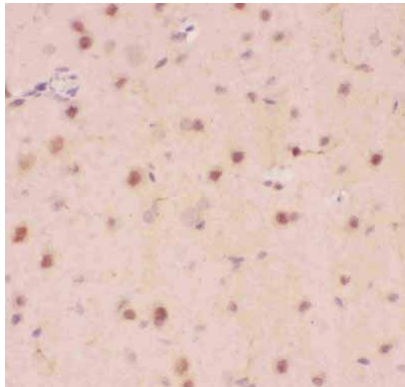


Anti-Crk p38 Picoband antibody, ABO11808-2.jpg
All lanes:
Anti Crk p38 (ABO11808) at 0.5ug/ml
Lane 1: Rat Spleen Tissue Lysate at 50ug
Lane 2: Rat Thymus Tissue Lysate at 50ug
Lane 3: Rat Liver Tissue Lysate at 50ug
Lane 4: Mouse Brain Tissue Lysate at 50ug
Lane 5: HELA Whole Cell Lysate at 40ug
Lane 6: SMMC Whole Cell Lysate at 40ug
Predicted bind size: 34KD
Observed bind size: 34KD

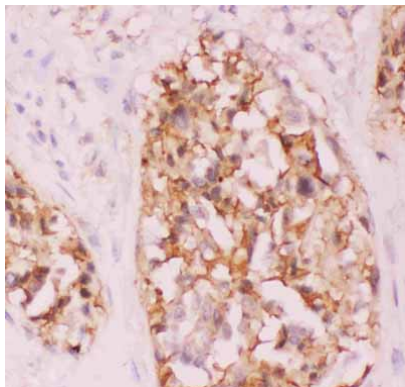
Anti-Crk p38 Picoband antibody, ABO11808-3.JPG
IHC(P): Mouse Intestine Tissue



Anti-Crk p38 Picoband antibody, ABO11808-4.JPGIHC(P):
Rat Brain Tissue



Anti-Crk p38 Picoband antibody, ABO11808-5.JPGIHC(P):
Human Lung Cancer Tissue



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