

Anti-Crk p38 Picoband Antibody
Catalog # ABO11808**Specification**

Anti-Crk p38 Picoband Antibody - Product Information

Application	WB, IHC
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.

Anti-Crk p38 Picoband Antibody - Additional Information

Gene ID 1398

Other Names

Adapter molecule crk, Proto-oncogene c-Crk, p38, CRK

Calculated MW

33831 MW KDa

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. .

Protein Name

Adapter molecule crk

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃N.

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.

Sequence Similarities

Belongs to the CRK family.

Anti-Crk p38 Picoband Antibody - Protein Information

Name CRK

Function

Involved in cell branching and adhesion mediated by BCAR1- CRK-RAPGEF1 signaling and activation of RAP1.

Cellular Location

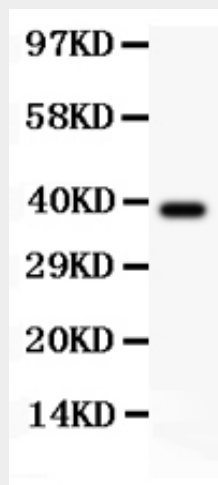
Cytoplasm. Cell membrane. Note=Translocated to the plasma membrane upon cell adhesion.

Anti-Crk p38 Picoband Antibody - Protocols

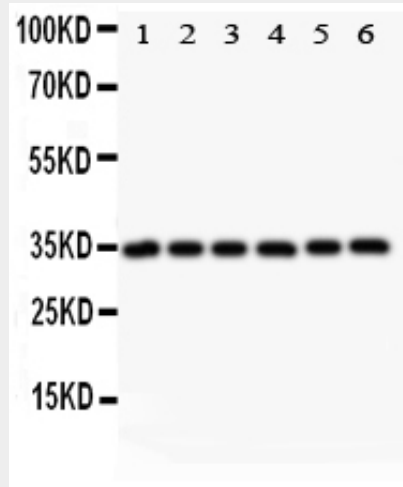
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

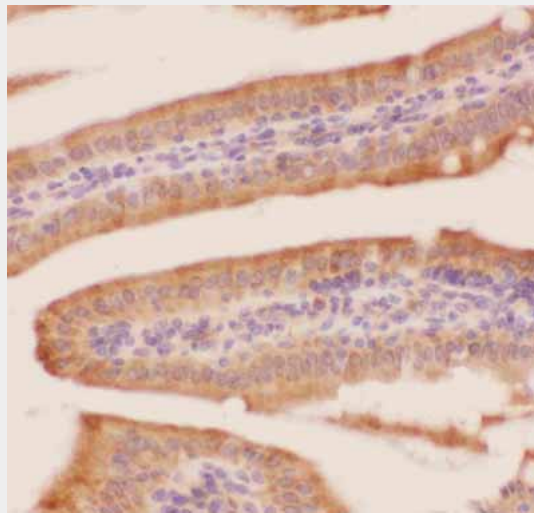
Anti-Crk p38 Picoband Antibody - Images



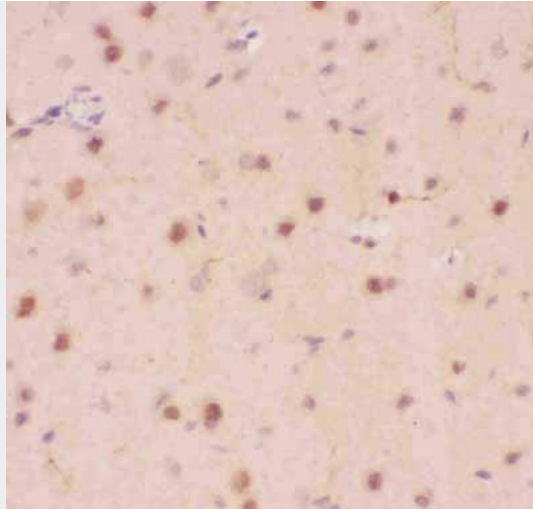
Anti-Crk p38 Picoband antibody, ABO11808-1.jpg All lanes: Anti Crk p38 (ABO11808) at 0.5ug/ml WB: Recombinant Human CRKp38 Protein 0.5ng Predicted bind size: 38KD Observed bind size: 38KD



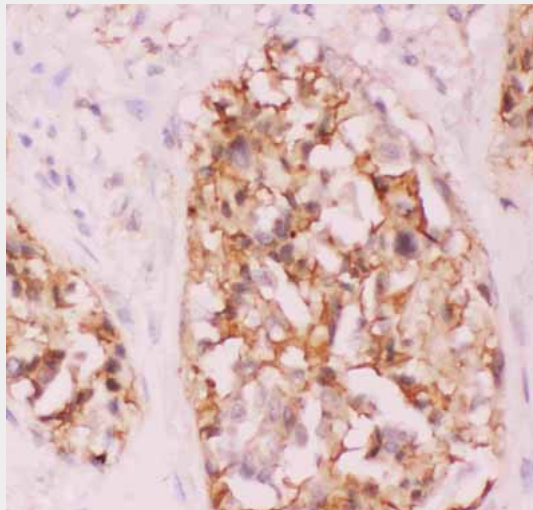
Anti-Crk p38 Picoband antibody, ABO11808-2.jpg All lanes: Anti Crk p38 (ABO11808) at 0.5ug/ml Lane 1: Rat Spleen Tissue Lysate at 50ug Lane 2: Rat Thymus Tissue Lysate at 50ug Lane 3: Rat Liver Tissue Lysate at 50ug Lane 4: Mouse Brain Tissue Lysate at 50ug Lane 5: HELA Whole Cell Lysate at 40ug Lane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

Anti-Crk p38 Picoband Antibody - 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.