ARG45598
anti-Crk p38 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Crk p38
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Specificity	Crk p38
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Crk p38
Species	Human
Immunogen	Recombinant protein containing to human Crk p38.
Conjugation	Un-conjugated
Alternate Names	CRK; CRK Proto-Oncogene, Adaptor Protein; V-Crk Avian Sarcoma Virus CT10 Oncogene Homolog; Adapter Molecule Crk; Proto-Oncogene C-Crk; P38; V-Crk Sarcoma Virus CT10 Oncogene-Like Protein; CRKII

Application Instructions

Application table

Application	Dilution
IHC-P	2-5 µg/ml
WB	0.1-0.5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

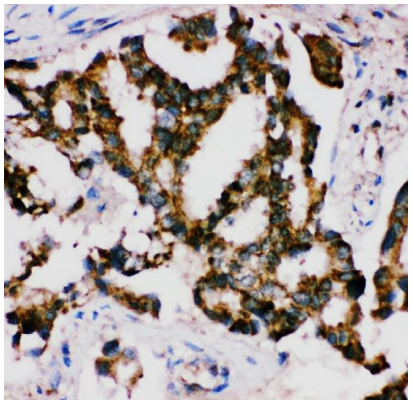
Form	Powder
Purification	Affinity purified
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.01% Sodium azide and 5% BSA.
Preservative	0.01% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

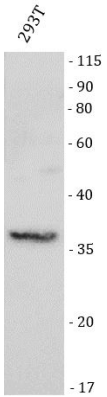
Gene Symbol	CRK
Gene Full Name	CRK Proto-Oncogene, Adaptor Protein
Background	This gene encodes a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. The product of this gene has several SH2 and SH3 domains (src-homology domains) and is involved in several signaling 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. [provided by RefSeq, Jul 2008]
Function	Involved in cell branching and adhesion mediated by BCAR1-CRK-RAPGEF1 signaling and activation of RAP1. [UniProt]
Calculated Mw	34 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Cell membrane; Cytoplasm; Membrane. [UniProt]

Images



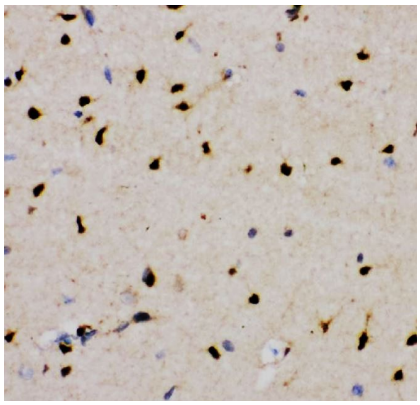
ARG45598 anti-Crk p38 antibody IHC-P image

Immunohistochemistry: Human lung cancer stained with ARG45598 anti-Crk p38 antibody at 2 µg/ml dilution.



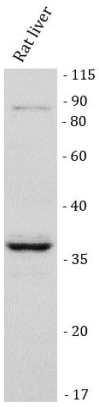
ARG45598 anti-Crk p38 antibody WB image

Western blot: 293T stained with ARG45598 anti-Crk p38 antibody at 0.5 µg/ml dilution.



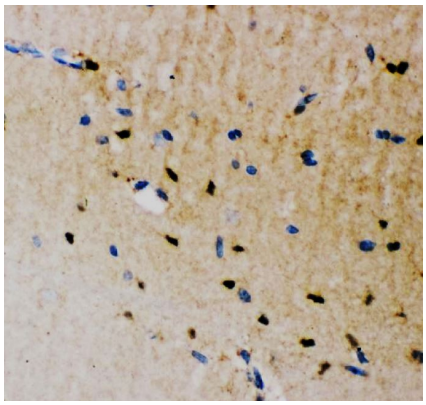
ARG45598 anti-Crk p38 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45598 anti-Crk p38 antibody at 2 µg/ml dilution.



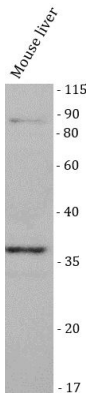
ARG45598 anti-Crk p38 antibody WB image

Western blot: Rat liver stained with ARG45598 anti-Crk p38 antibody at 0.5 µg/ml dilution.



ARG45598 anti-Crk p38 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45598 anti-Crk p38 antibody at 2 µg/ml dilution.



ARG45598 anti-Crk p38 antibody WB image

Western blot: Mouse liver stained with ARG45598 anti-Crk p38 antibody at 0.5 µg/ml dilution.