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CRK Antibody (S41) Blocking Peptide
Synthetic peptide
Catalog # BP7831a

Specification

CRK Antibody (S41) Blocking Peptide - Product Information

Primary Accession P46108

CRK Antibody (S41) Blocking Peptide - Additional Information

Gene ID 1398

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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7831a was selected from the S41 region of human CRK. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CRK Antibody (S41) Blocking Peptide - 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.

CRK Antibody (S41) Blocking Peptide - Protocols

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

- Blocking Peptides

CRK Antibody (S41) Blocking Peptide - Images

CRK Antibody (S41) Blocking Peptide - Background

CRK is a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. It 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.

CRK Antibody (S41) Blocking Peptide - References

Heikkinen,L.S., J. Biol. Chem. 283 (9), 5719-5727 (2008)Wang,L., Biochem. Biophys. Res. Commun. 362 (4), 976-981 (2007)Dokainish,H., Cell. Microbiol. 9 (10), 2497-2516 (2007)