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Phospho-CRK(S41) Antibody Blocking peptide

Synthetic peptide
Catalog # BP3304a

Specification

Phospho-CRK(S41) Antibody Blocking peptide - Product Information

Primary Accession	P46108
Other Accession	Q96GA9

Phospho-CRK(S41) Antibody 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 AP3304a was selected from the region of human Phospho-CRK-S41. 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.

Phospho-CRK(S41) Antibody 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.

Phospho-CRK(S41) Antibody Blocking peptide - Protocols

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

- Blocking Peptides

Phospho-CRK(S41) Antibody Blocking peptide - Images

Phospho-CRK(S41) Antibody 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.

Phospho-CRK(S41) Antibody Blocking peptide - References

Bougneres, L., et al., J. Cell Biol. 166(2):225-235 (2004).Stoletov, K.V., et al., Exp. Cell Res. 295(1):258-268 (2004).Miller, C.T., et al., Oncogene 22(39):7950-7957 (2003).Sun, J., et al., J. Biol. Chem. 278(35):32794-32800 (2003).Zhang, X.A., et al., J. Biol. Chem. 278(29):27319-27328 (2003).