Crk II rabbit pAb

Cat#: orb764927 (Manual)

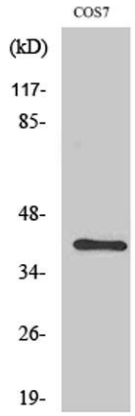
For research use only. Not intended for diagnostic use.

Product Name	Crk II rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CrkII. AA range:187-236
Specificity	Crk II Polyclonal Antibody detects endogenous levels of Crk II protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Adapter molecule crk
Gene Name	CRK
Cellular localization	Cytoplasm . Cell membrane . Translocated to the plasma membrane upon cell adhesion. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	1398
Human Swiss-Prot Number	P46108
Alternative Names	CRK; Adapter molecule crk; Proto-oncogene c-Crk; p38

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],



Western Blot analysis of various cells using Crk II Polyclonal Antibody

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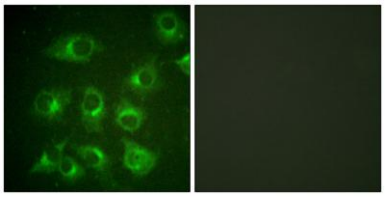
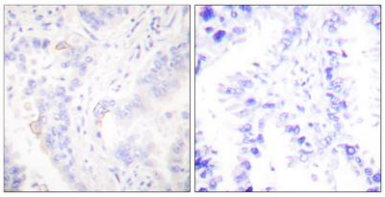
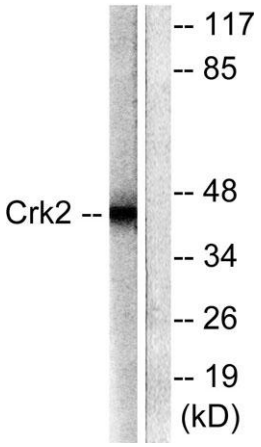


Immunofluorescence analysis of HUVEC cells, using CrkII Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CrkII Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using CrkII Antibody. The lane on the right is blocked with the synthesized peptide.

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