



# Crk II rabbit pAb

Cat No.:ES2052

For research use only

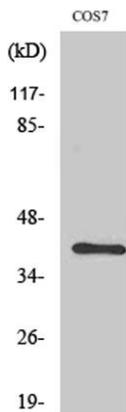
## Overview

<b>Product Name</b>	Crk II rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat;Monkey
<b>Recommended dilutions</b>	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.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CrkII. AA range:187-236
<b>Specificity</b>	Crk II Polyclonal Antibody detects endogenous levels of Crk II protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Adapter molecule crk
<b>Gene Name</b>	CRK
<b>Cellular localization</b>	Cytoplasm . Cell membrane . Translocated to the plasma membrane upon cell adhesion. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	40kD
<b>Human Gene ID</b>	1398
<b>Human Swiss-Prot Number</b>	P46108
<b>Alternative Names</b>	CRK; Adapter molecule crk; Proto-oncogene c-Crk; p38
<b>Background</b>	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



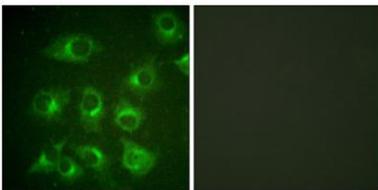


and SH3 domains (src-homology domains) and is involved in several signaling pathways, recruiting cytoplasmic proteins in the vicinity of tyrosine kinase through SH2-phosphotyrosine interaction. The N-terminal SH2 domain of this protein functions as a positive regulator of transformation whereas the C-terminal 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],



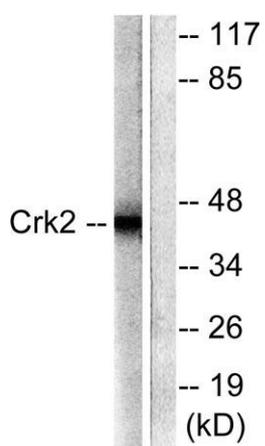
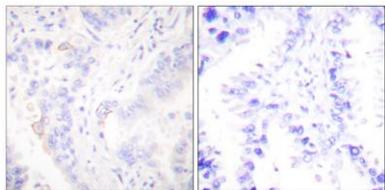
Western Blot analysis of various cells using Crk II Polyclonal Antibody

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.

