BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Crk II Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02234
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CrkII. AA range:187-236
Mol wt	33872
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Crk II Antibody
Synonyms	CRK; Adapter molecule crk; Proto-oncogene c-Crk; p38

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CRK encodes a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. The product of CRK 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

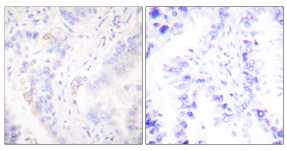
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

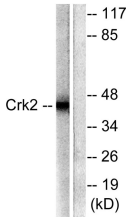
ELISA: 1: 5000

Not yet tested in other applications.

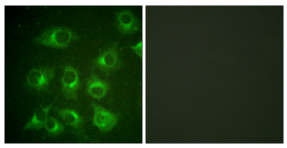
Images



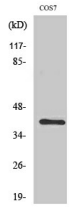
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CrkII Antibody. The picture on the right is blocked with the synthesized peptide.



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



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



Western Blot analysis of various cells using Crk II Polyclonal Antibody

Storage

-20°C for one year

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