



Crk-L (phospho Tyr207) Polyclonal Antibody

Catalog No	YP-Ab-03587
Isotype	IgG
Reactivity	Human;Mouse;Rat;Monkey
Applications	WB;IHC;IF;ELISA
Gene Name	CRKL
Immunogen	The antiserum was produced against synthesized peptide derived from human CrkL around the phosphorylation site of Tyr207. AA range:173-222
Specificity	Phospho-Crk-L (Y207) Polyclonal Antibody detects endogenous levels of Crk-L protein only when phosphorylated at Y207.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	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.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Crk L;Crk like protein;Crk-like protein;Crkl;CRKL_HUMAN;Crkol;HGNC:2363;Oncogene CrkL;V crk avian sarcoma virus CT1 oncogene homolog like;v crk sarcoma virus CT1 oncogene homolog (avian) like;V crk sarcoma virus CT1 oncogene homolog avian like;Crk-L
Observed Band	39kD
Calculated Molecular Weight	39kD
Cell Pathway	endosome,cytosol,cell-cell adherens junction,extracellular exosome,
Tissue Specificity	Skin,Spleen,
Function	function:May mediate the transduction of intracellular signals.,similarity:Contains 1 SH2 domain.,similarity:Contains 2 SH3 domains.,subunit:Interacts with INPP5D/SHIP1. Interacts with DOCK2 and EPOR. Interacts with phosphorylated CBLB and IRS4.,

**Background**

This gene encodes a protein kinase containing SH2 and SH3 (src homology) domains which has been shown to activate the RAS and JUN kinase signaling pathways and transform fibroblasts in a RAS-dependent fashion. It is a substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic.[provided by RefSeq, Jan 2009],

matters needing attention

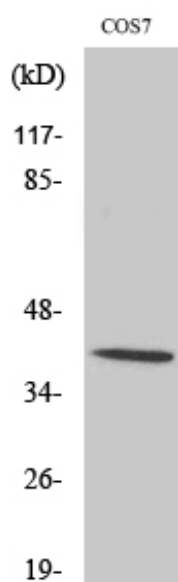
Avoid repeated freezing and thawing!

Usage suggestions

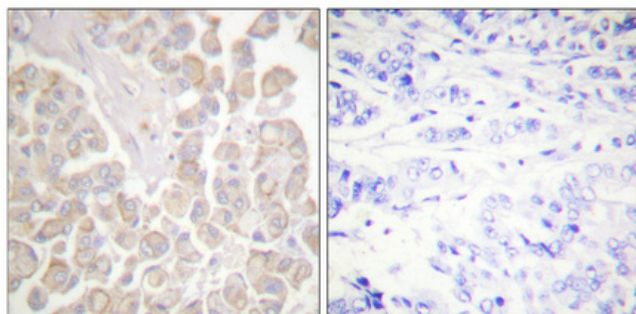
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



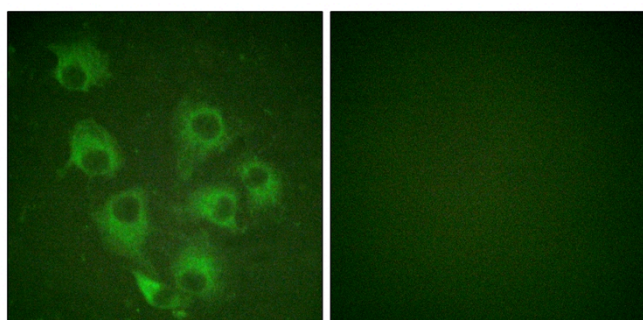
Products Images



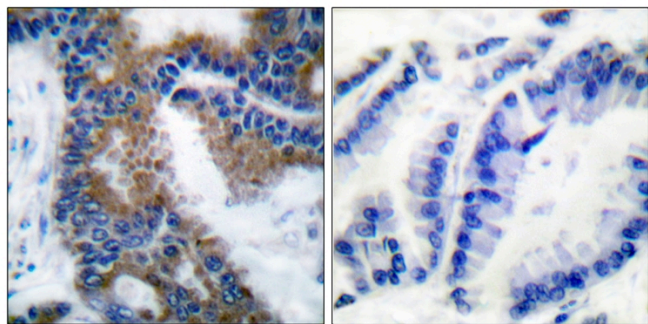
Western Blot analysis of various cells using Phospho-Crk-L (Y207) Polyclonal Antibody



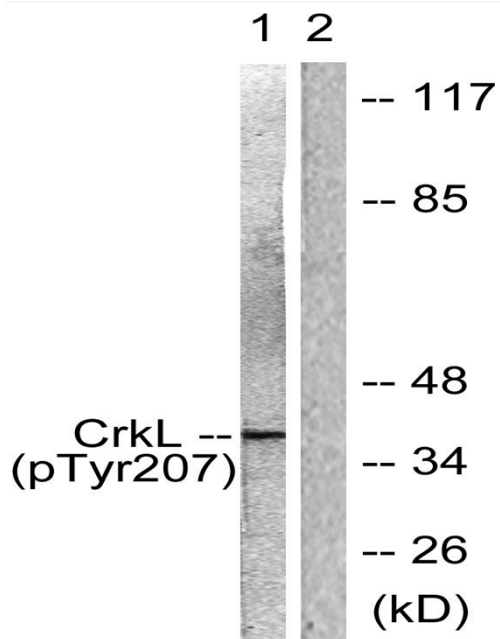
Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunofluorescence analysis of HUVEC cells, using CrkL (Phospho-Tyr207) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using CrkL (Phospho-Tyr207) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COS7 cells, using CrkL (Phospho-Tyr207) Antibody. The lane on the right is blocked with the phospho peptide.