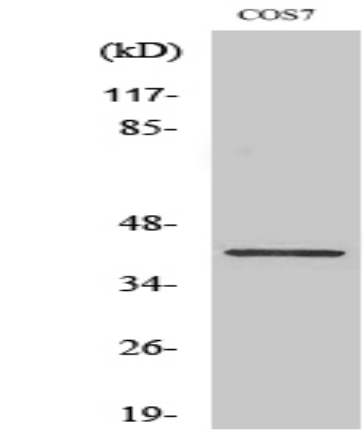
Best Tools for immunology Research

Crk-L Polyclonal Antibody

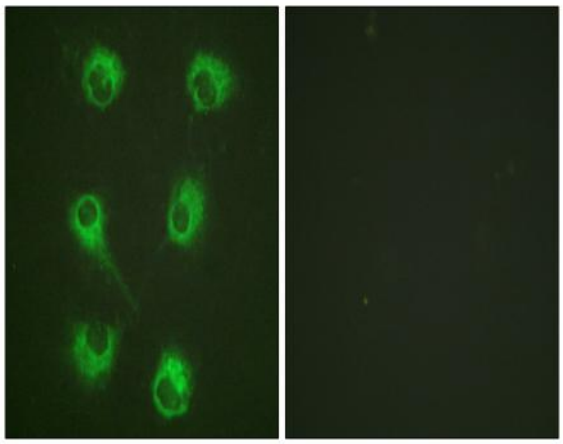
Catalog No :	YT1113
Reactivity :	Human;Mouse;Rat;Monkey
Applications :	WB;IHC;IF;ELISA
Target :	Crk-L
Fields :	>>MAPK signaling pathway;>>ErbB signaling pathway;>>Rap1 signaling pathway;>>Chemokine signaling pathway;>>Focal adhesion;>>Fc gamma R-mediated phagocytosis;>>Neurotrophin signaling pathway;>>Regulation of actin cytoskeleton;>>Insulin signaling pathway;>>Growth hormone synthesis, secretion and action;>>Bacterial invasion of epithelial cells;>>Shigellosis;>>Yersinia infection;>>Human cytomegalovirus infection;>>Human immunodeficiency virus 1 infection;>>Pathways in cancer;>>MicroRNAs in cancer;>>Renal cell carcinoma;>>Chronic myeloid leukemia
Gene Name :	CRKL
Protein Name :	Crk-like protein
Human Gene Id :	1399
Human Swiss Prot No :	P46109
Mouse Gene Id :	12929
Mouse Swiss Prot No :	P47941
Rat Gene Id :	1.00911e+008
Rat Swiss Prot No :	Q5U2U2
Immunogen :	The antiserum was produced against synthesized peptide derived from human CrkL. AA range:173-222
Specificity :	Crk-L Polyclonal Antibody detects endogenous levels of Crk-L protein.
	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Formulation :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	39kD
Cell Pathway :	MAPK_ERK_Growth;MAPK_G_Protein;ErbB_HER;Chemokine;Focal adhesion;Fc gamma R-mediated phagocytosis;Neurotrophin;Regulates Actin and Cytoskeleton;Insulin_Receptor;Pathways in cancer;Renal cell carcinoma
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],
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.,
Subcellular Location :	endosome,cytosol,cell-cell adherens junction,extracellular exosome,
Expression :	Skin,Spleen,
Sort :	4578
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

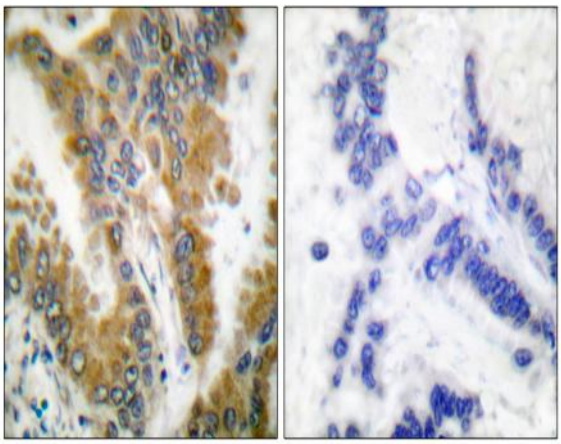
Products Images



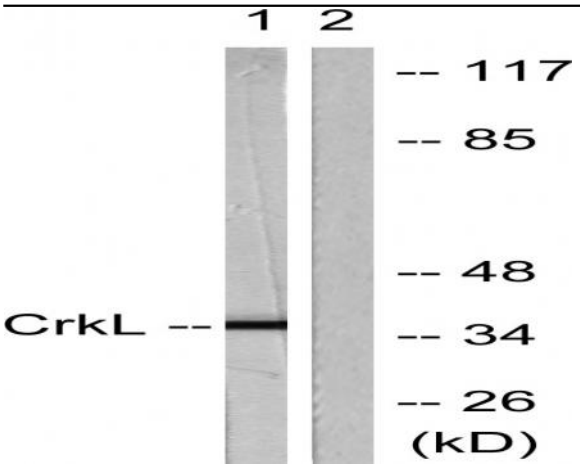
Western Blot analysis of various cells using Crk-L Polyclonal Antibody



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



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



Western blot analysis of lysates from 293 cells, using CrkL Antibody. The lane on the right is blocked with the synthesized peptide.