

## Crk-L (phospho Tyr207) Polyclonal Antibody

Catalog No: YP0869

**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

P46109

P47941

Human Gene Id: 1399

**Human Swiss Prot** 

No:

Mouse Gene Id: 12929

**Mouse Swiss Prot** 

No:

**Rat Gene Id:** 1.00911e+008

Rat Swiss Prot No: Q5U2U2

**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

**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.

**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

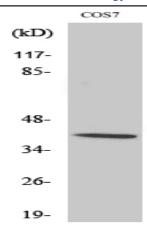
CBLB and IRS4.,

Subcellular Location : endosome,cytosol,cell-cell adherens junction,extracellular exosome,

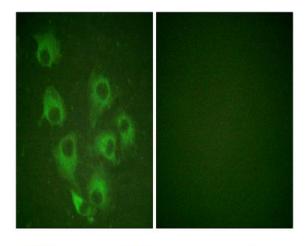
**Expression:** Skin, Spleen,

## **Products Images**

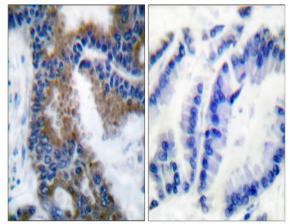
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Western Blot analysis of various cells using Phospho-Crk-L (Y207) Polyclonal Antibody

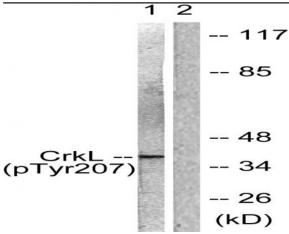


Immunofluorescence analysis of HUVEC cells, using CrkL (Phospho-Tyr207) Antibody. The picture on the right is blocked with the phospho peptide.



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.