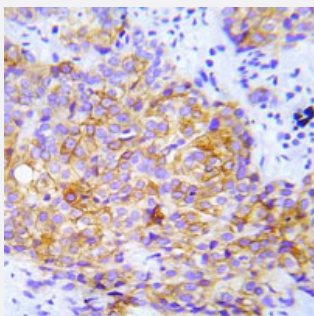


CRKL (phospho Y207) polyclonal antibody

Catalog # PAB16968 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma tissue using CRKL (phospho Try207) polyclonal antibody (Cat # PAB16968).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of CRKL.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Y207 of human CRKL.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of CRKL only when phosphorylated at tyrosine 207.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM PBS, 0.15 M NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma tissue using CRKL (phospho Try207) polyclonal antibody (Cat # PAB16968).
- Enzyme-linked Immunoabsorbent Assay

Gene Info — CRKL

Entrez GeneID [1399](#)

Protein Accession# [P46109](#)

Gene Name CRKL

Gene Alias -

Gene Description v-crk sarcoma virus CT10 oncogene homolog (avian)-like

Omim ID [602007](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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

Other Designations v-crk avian sarcoma virus CT10 oncogene homolog-like

Publication Reference

- [Signaling networks assembled by oncogenic EGFR and c-Met.](#)

Guo A, Villen J, Kornhauser J, Lee KA, Stokes MP, Rikova K, Possemato A, Nardone J, Innocenti G, Wetzel R, Wang Y, MacNeill J, Mitchell J, Gygi SP, Rush J, Polakiewicz RD, Comb MJ.

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- [Effects of HER2 overexpression on cell signaling networks governing proliferation and migration.](#)

Wolf-Yadlin A, Kumar N, Zhang Y, Hautaniemi S, Zaman M, Kim HD, Grantcharova V, Lauffenburger DA, White FM.

Molecular Systems Biology 2006 Oct; 2:54.

- [Immunoaffinity profiling of tyrosine phosphorylation in cancer cells.](#)

Rush J, Moritz A, Lee KA, Guo A, Goss VL, Spek EJ, Zhang H, Zha XM, Polakiewicz RD, Comb MJ.

Nature Biotechnology 2005 Jan; 23(1):94.

Pathway

- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [ErbB signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)