

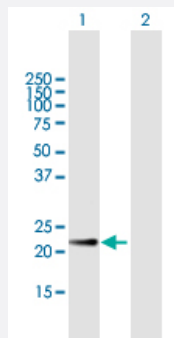
MaxPab®

CRK purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001398-B01P

Size 50 ug

Applications

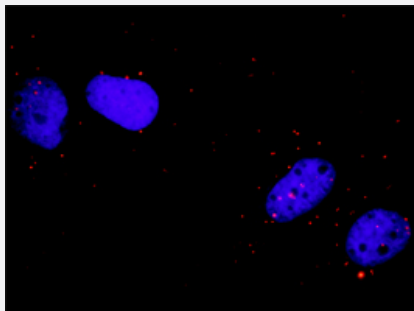


Western Blot (Transfected lysate)

Western Blot analysis of CRK expression in transfected 293T cell line ([H00001398-T02](#)) by CRK MaxPab polyclonal antibody.

Lane 1: CRK transfected lysate(22.90 kDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FLT1 and CRK. Huh7 cells were stained with anti-FLT1 rabbit purified polyclonal 1:600 and anti-CRK mouse purified polyclonal antibody 1:100. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CRK protein.
Immunogen	CRK (NP_005197.3, 1 a.a. ~ 204 a.a) full-length human protein.
Sequence	MAGNFDSEERSSWYWGRLSRQEAVALLQGQRHGVFLVRDSSSTSPGDYVLSVSENSRVSHYIINS SGPRPPVPPSPAQPPPGVSPSRLRIGDQEFDSLPALEFYKIHLYDTTTTLEPVSRSRQGSQGVILRQ EEAEYVRALFDFNGNDEEDLPFKKGDILRIRDKPEEQWWNAEDSEGKRGMPVPYVEKYRPASA SVSALIGGR
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

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Gene Info — CRK

Entrez GeneID	1398
GeneBank Accession#	NM_005206
Protein Accession#	NP_005197.3
Gene Name	CRK
Gene Alias	CRKII
Gene Description	v-crk sarcoma virus CT10 oncogene homolog (avian)
Omim ID	164762
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. The product of this gene 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. [provided by RefSeq]

Other Designations

avian sarcoma virus CT10 (v-crk) oncogene homolog|v-crk avian sarcoma virus CT10 oncogene homolog|v-crk sarcoma virus CT10 oncogene homolog

Publication Reference

- [An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma.](#)

Liu CH, Chen TC, Chau GY, Jan YH, Chen CH, Hsu CN, Lin KT, Juang YL, Lu PJ, Cheng HC, Chen MH, Chang CF, Ting YS, Kao CY, Hsiao M, Huang CY.

Molecular & Cellular Proteomics 2013 May; 12(5):1335.

Application: Profiling, Human, Huh7 cells, Mahlavu cells

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](#)