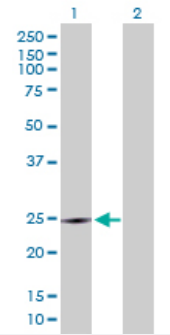
MaxPab®

CRK purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001398-D01P Size 100 ug

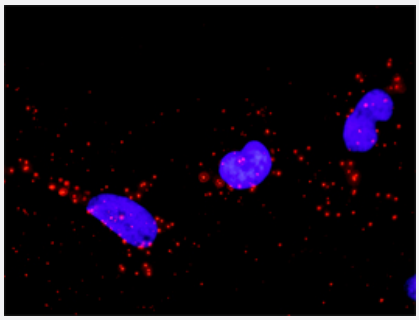
Applications



Western Blot (Transfected lysate)

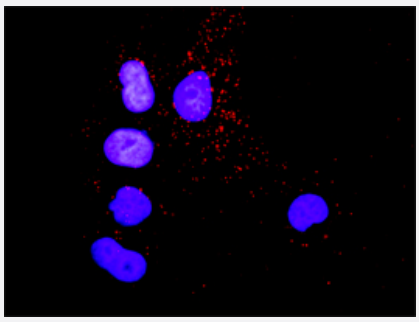
Western Blot analysis of CRK expression in transfected 293T cell line (H00001398-T02) by CRK MaxPab polyclonal antibody.

Lane 1: CRK transfected lysate(22.90 KDa).
Lane 2: Non-transfected lysate.



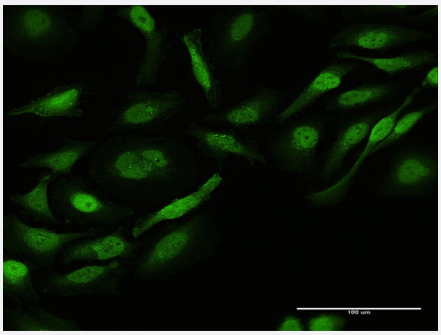
In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between CRK and SOS1. HeLa cells were stained with anti-CRK rabbit purified polyclonal 1:1200 and anti-SOS1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between CRK and SHC1. Mahlavu cells were stained with anti-CRK rabbit purified polyclonal 1:1200 and anti-SHC1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CRK on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Rabbit 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	MAGNFDSEERSSWYWGRLSRQEAVALLQGQRHGVFLVRDSSTSPGDYVLSVSENSRVSHYIINS SGPRPPVPPSPAQPPPGVSPSRLRIGDQEFDSLPALLEFYKIHYLDTTTLIEPVSRSRQGSGVILRQ EEAEYVRALFDFNGNDEEDLPFKKGDILRIRDKPEEQWWNAEDSEGKRGMIPVPYVEKYRPASA SVSALIGGR
Host	Rabbit
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

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- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to CRK on HeLa cell. [antibody concentration 10 ug/ml]

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

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