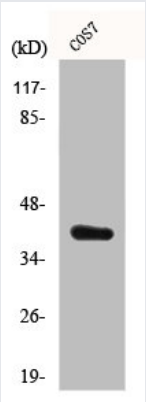
CRKL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CRKL, Polyclonal Antibody
Full Product Name	CRKL Antibody
Product Gene Name	anti-CRKL antibody
Product Synonym Names	CRKL; Crk-like protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Monkey
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	33,777 Da
Chromosome Location	Chromosome: 22; NC_000022.10 (21271714..21308037). Location: 22q11.21
OMIM	602007
3D Structure	ModBase 3D Structure for P46109
Immunogen	Synthesized peptide derived from human Crk-L around the non-phosphorylation site of Y207.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-CRKL antibody	Neuroscience
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CRKL antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-CRKL antibody	WB: 1:500-1:2000 IHC: 1:100-1:300 IF: 1:200-1:1000 ELISA: 1:10000
Related Product Information for anti-CRKL antibody	MBS7116173 is an antibody targeting CRKL. Also known as CRKL Antibody. Reactive in Human, Mouse, Rat, Monkey. Host: Rabbit.
Other Notes	Small volumes of anti-CRKL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CRKL antibody
Western Blot analysis of COS7 cells using Crk-L Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CRKL. It may not necessarily be applicable to this product.

NCBI GI #	4885153
NCBI GeneID	1399
NCBI Accession #	NP_005198.1
UniProt Primary Accession #	P46109
UniProt Secondary Accession #	A8KA44; D3DX35
UniProt Related Accession #	P46109
GenBank Nucleotide #	NM_005207.3
NCBI Official Full Name	crk-like protein
NCBI Official Synonym Full Names	v-crk sarcoma virus CT10 oncogene homolog (avian)-like
NCBI Official Symbol	CRKL
UniProt Protein Name	Crk-like protein
Protein Family	Crk-like protein
UniProt Gene Name	CRKL
UniProt Entry Name	CRKL_HUMAN
NCBI Protein Information	crk-like protein
NCBI Summary for CRKL	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]

UniProt Comments for CRKL	CRKL: an oncogenic adaptor protein with an SH2-SH3-SH3 domain structure. Plays a specific role in integrin-induced migration as a downstream mediator of Src. Activates the RAS and Jnk signaling pathways. Transforms fibroblasts in a RAS-dependent fashion. A substrate of BCR-ABL and plays a role in fibroblast transformation by BCR-ABL. Protein type: Adaptor/scaffold; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 22q11.21 Cellular Component: cytosol; endosome Molecular Function: protein binding; signal transducer activity; SH3/SH2 adaptor activity Biological Process: anterior/posterior pattern formation; blood vessel development; organ morphogenesis; nerve growth factor receptor signaling pathway; activation of MAPKK activity; thymus development; heart development; Ras protein signal transduction; JNK cascade; parathyroid gland development
Research Articles on CRKL	**1.** study reveals a significant association between Crk protein expression with highly proliferative tumors and basal breast cancers of poor outcome; data highlight the physiological importance of Crk proteins in regulating growth of aggressive basal breast cancer cells
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