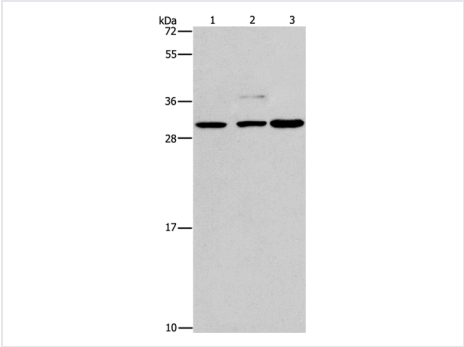
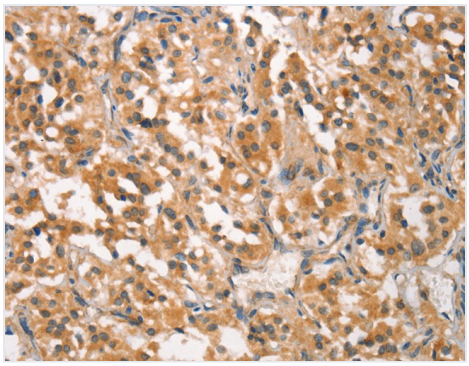
CRKL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

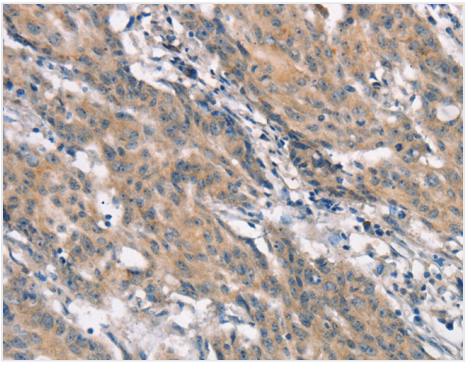
Product Name	CRKL, Polyclonal Antibody
Full Product Name	CRKL Polyclonal Antibody
Product Gene Name	anti-CRKL antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	2.3mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	34kDa
OMIM	602007
Immunogen	Synthetic peptide of human CRKL
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CRKL antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CRKL antibody	WB: 1:500-1:2000 IHC: 1:25-1:100
Related Product Information for anti-CRKL antibody	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 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.
Searchable Terms for CRKL purchase	MBS2525825 is an antibody targeting CRKL. Also known as CRKL Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-CRKL antibody
Western Blot analysis of Lovo, Raji and A172 cell using CRKL Polyclonal Antibody at dilution of 1:600



Immunohistochemistry (IHC) of anti-CRKL antibody
Immunohistochemistry of paraffin-embedded Human thyroid cancer using CRKL Polyclonal Antibody at dilution of 1:25



Immunohistochemistry (IHC) of anti-CRKL antibody
Immunohistochemistry of paraffin-embedded Human gastric cancer using CRKL Polyclonal Antibody at dilution of 1:25

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 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 avian sarcoma virus CT10 oncogene homolog-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

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; thymus development; activation of MAPKK activity; heart development; Ras protein signal transduction; JNK cascade; parathyroid gland development
Research Articles on CRKL	**1.** results suggest that CRKL has the ability to regulate colon cancer malignancy and CRKL has the potential to serve as a diagnosis and prognosis marker and a therapy target of colon cancer
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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