

Goat Anti-CRKL Antibody
Peptide-affinity purified goat antibody
Catalog # AF1277a**Specification**

Goat Anti-CRKL Antibody - Product Information

Application	WB, IHC, E
Primary Accession	P46109
Other Accession	NP_005198 , 1399
Reactivity	Human, Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	33777

Goat Anti-CRKL Antibody - Additional Information**Gene ID** 1399**Other Names**

Crk-like protein, CRKL

Dilution

WB~~1:1000

IHC~~1:100~500

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-CRKL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CRKL Antibody - Protein Information**Name** CRKL**Function**

May mediate the transduction of intracellular signals.

Goat Anti-CRKL Antibody - Protocols

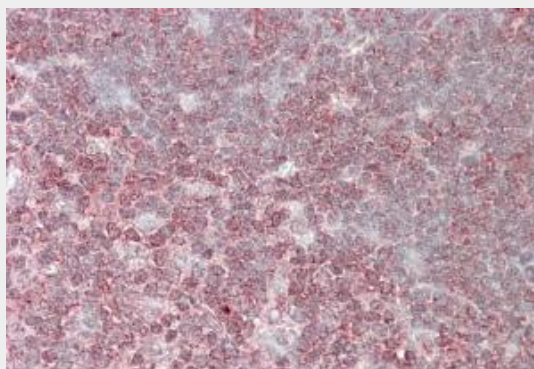
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-CRKL Antibody - Images



AF1277a (0.01 $\mu\text{g/ml}$) staining of K562 lysate (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF1277a (3.8 $\mu\text{g/ml}$) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-CRKL Antibody - Background

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.

Goat Anti-CRKL Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

Genomic and functional analysis identifies CRKL as an oncogene amplified in lung cancer. Kim YH, et al. Oncogene, 2010 Mar 11. PMID 19966867.

Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.

PI3K links NKG2D signaling to a CrkL pathway involved in natural killer cell adhesion, polarity, and granule secretion. Segovis CM, et al. J Immunol, 2009 Jun 1. PMID 19454690.