

#### **Goat Anti-CRKL Antibody**

Peptide-affinity purified goat antibody Catalog # AF1277a

## **Specification**

#### **Goat Anti-CRKL Antibody - Product Information**

Application
Primary Accession
Other Accession
Reactivity
Host
Clonality
Concentration

Isotype Calculated MW **WB, IHC, E** P46109

NP\_005198, 1399 Human, Mouse, Rat

Goat Polyclonal 100ug/200ul

IgG 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 lgG/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.

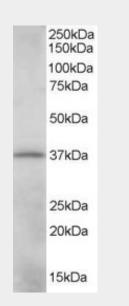


# **Goat Anti-CRKL Antibody - Protocols**

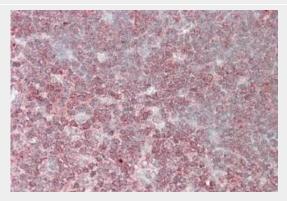
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### Goat Anti-CRKL Antibody - Images



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



AF1277a (3.8  $\mu$ 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



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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. | Immunol, 2009 Jun 1. PMID 19454690.