

## Product datasheet for **TA351105S**

### CRKL Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Lovo, Raji and A172 cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CRKL
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	v-crk avian sarcoma virus CT10 oncogene homolog-like
Database Link:	<a href="#">NP_005198</a> <a href="#">Entrez Gene 12929 MouseEntrez Gene 287942 RatEntrez Gene 1399 Human P46109</a>
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.
Synonyms:	v-crk avian sarcoma virus CT10 oncogene homolog-like; v-crk sarcoma virus CT10 oncogene homolog (avian)-like



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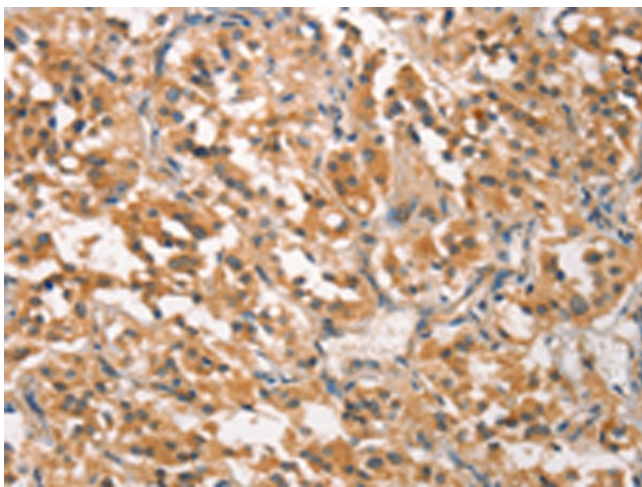
**Protein Families:** Druggable Genome

**Protein Pathways:** 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

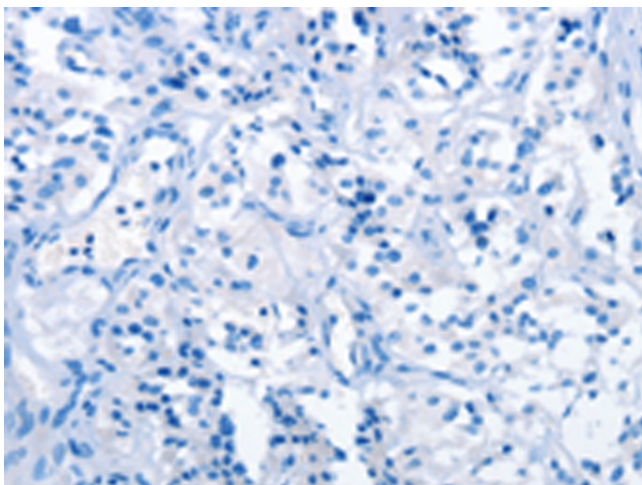
**Product images:**



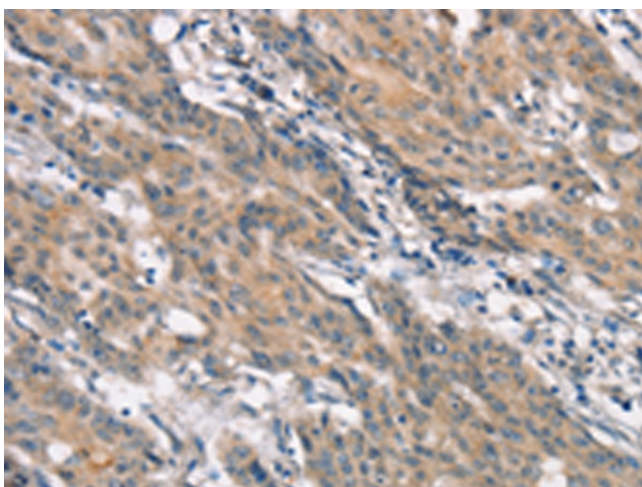
Gel: 15%SDS-PAGE  
Lysate: 40 µg  
Lane 1-3: Lovo cells  
Raji cells  
A172 cells  
Primary antibody: [TA351105] (CRKL Antibody) at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute



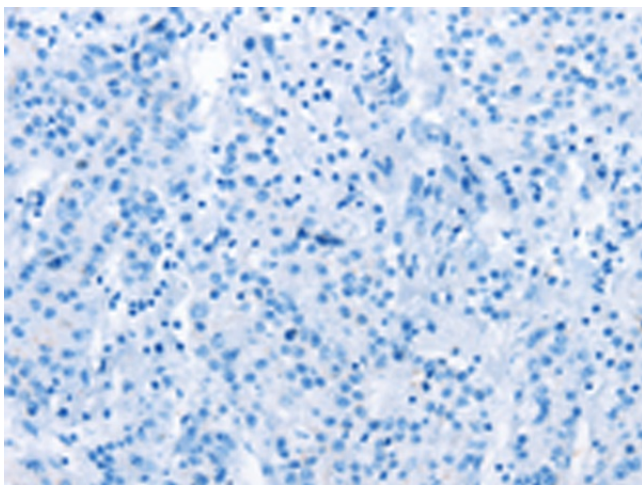
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA351105] (CRKL Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA351105] (CRKL Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA351105] (CRKL Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA351105] (CRKL Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)