



Rabbit Anti-CRNKL1 antibody

SL14065R

Product Name:	CRNKL1
Chinese Name:	Apoptosis水解酶样蛋白1抗体
Alias:	1200013P10Rik; 5730590A01Rik; C80326; CRN; Crn crooked neck like 1 (Drosophila); HCRN; MGC55327; MGC93283; MSTP021; SYF3; CRNL1_HUMAN; Crooked neck-like protein 1; Crooked neck homolog; hCrn.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	100kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CRNKL1:201-300/848
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The crooked neck (crn) gene of Drosophila is essential for embryogenesis and is thought to be involved in cell cycle progression and pre-mRNA splicing. A protein encoded by this human locus has been found to localize to pre-mRNA splicing complexes in the nucleus and is necessary for pre-mRNA splicing. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2013]

Function:

The crooked neck (crn) gene of Drosophila is essential for embryogenesis. It is thought to be involved in cell cycle progression and pre mRNA splicing.

Subcellular Location:

Nucleus; nuclear speckle. Cytoplasm. Colocalizes with core spliceosomal snRNP proteins. Also diffusely expressed in cytoplasm.

Tissue Specificity:

Widely expressed. Highly expressed in testis. Not expressed in brain and lung.

Similarity:

Belongs to the crooked-neck family.
Contains 17 HAT repeats.

SWISS:

Q9BZJ0

Gene ID:

51340

Database links:

[Entrez Gene: 51340](#) Human

[Entrez Gene: 116481](#) Rat

[Omid: 610952](#) Human

[SwissProt: Q5JY65](#) Human

[SwissProt: Q9BZJ0](#) Human

[SwissProt: P63155](#) Rat

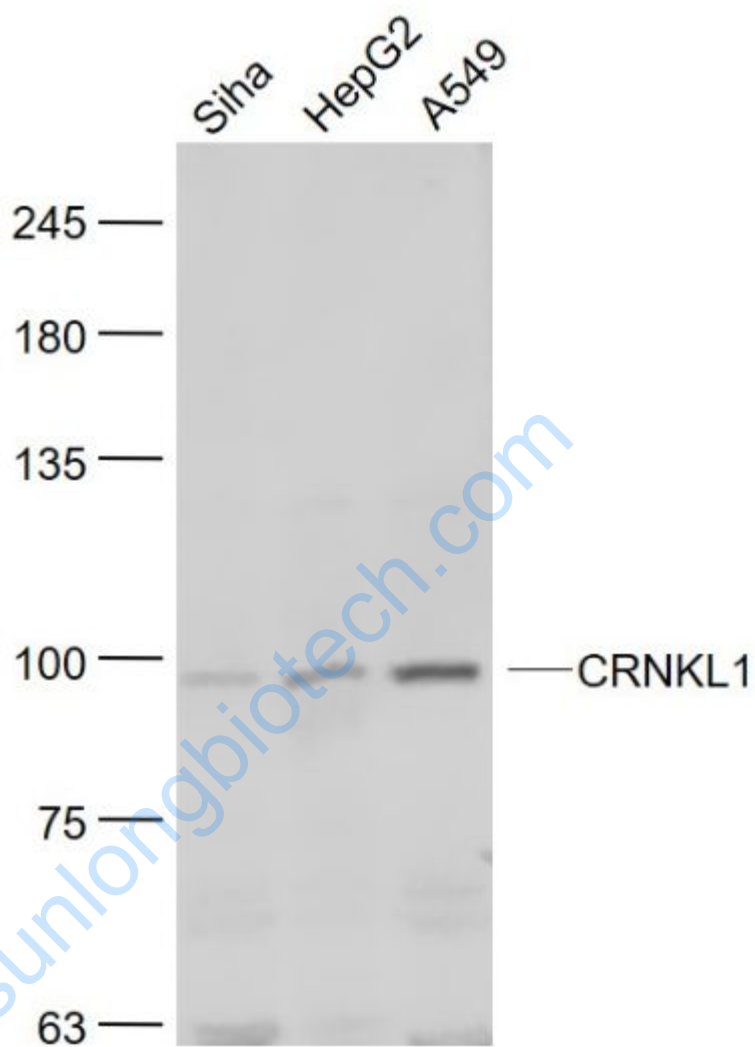
[Unigene: 171342](#) Human

[Unigene: 162694](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Siha(Human) Cell Lysate at 30 ug

HepG2(Human) Cell Lysate at 30 ug

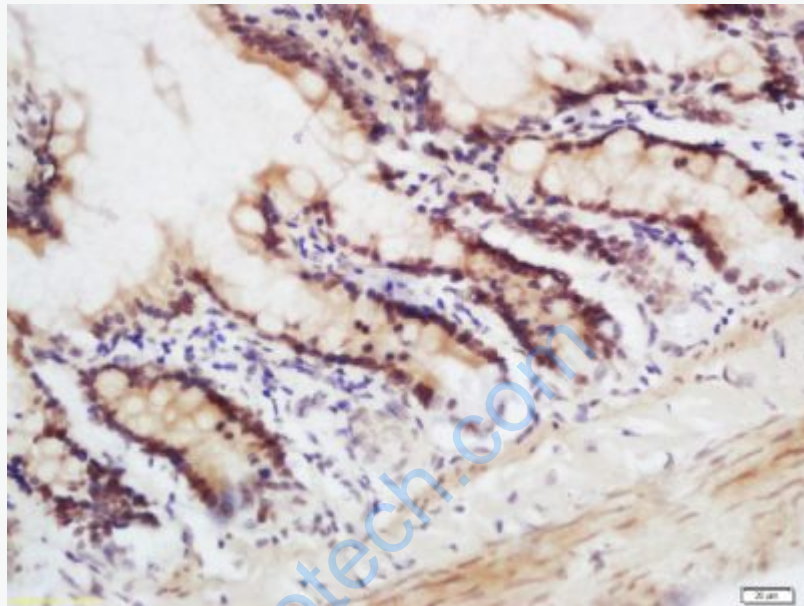
A549(Human) Cell Lysate at 30 ug

Primary: Anti- CRNKL1 (SL14065R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 100 kD

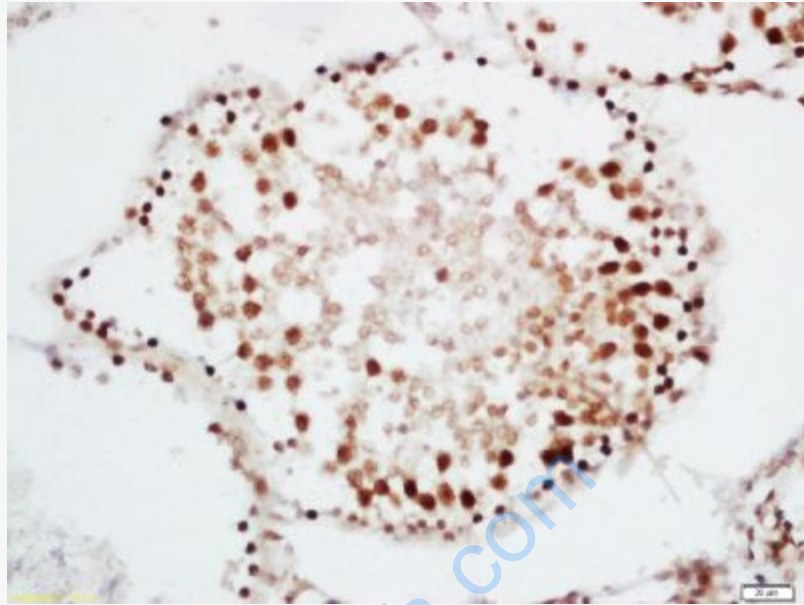
Observed band size: 98 kD



Tissue/cell: mouse intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CRNKL1 Polyclonal Antibody, Unconjugated(SL14065R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
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