SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-CRNKL1 antibody

Catalog Number: SL14065R

FOR RESEARCH USE ONLY

[DATASHEET]

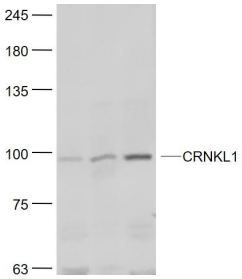
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CRNKL1
Immunogen:	KLH conjugated synthetic peptide derived from human CRNKL1: 201-300/848
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, Mouse, Rat, (predicted: Chicken, Dog, Cow, Horse, Sheep)
Predicted MW.:	100kDa
Subcellular Location:	The nucleus
Background:	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.

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

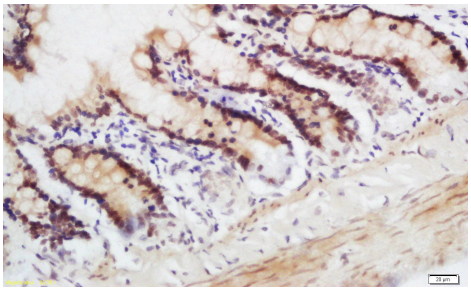
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	Tissue Specificity: Widely expressed. Highly expressed in testis. Not expressed in brain and lung. **Similarity:** Belongs to the crooked-neck family. Contains 17 HAT repeats. **Database links:** **Entrez Gene:** 51340 Human **Entrez Gene:** 116481 Rat Omim: 610952 Human **SwissProt:** Q5JY65 Human **SwissProt:** Q9BZJ0 Human **SwissProt:** P63155 Rat **Unigene:** 171342 Human **Unigene:** 162694 Rat

[VALIDATION IMAGES]



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 (1M, 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

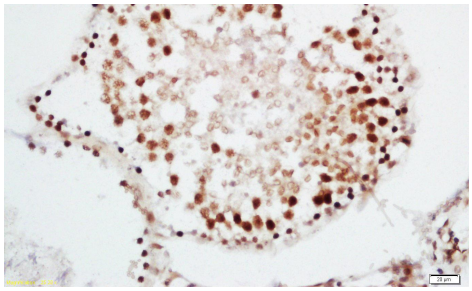
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Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
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