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

[Primary Antibody]

Rabbit Anti-CRSP8 antibody

Catalog Number: SL14069R

FOR RESEARCH USE ONLY

[DATASHEET]

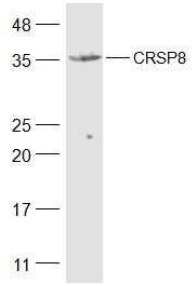
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CRSP8
Immunogen:	KLH conjugated synthetic peptide derived from human CRSP8: 101-200/311
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Chicken,Dog,Pig,Cow,Rabbit,Sheep)
Predicted MW.:	35kDa
Subcellular Location:	The nucleus
Background:	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5. [provided by RefSeq, Dec 2011] **Function:** Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific

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	regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. **Subcellular Location:** Nucleus. **Similarity:** Belongs to the Mediator complex subunit 27 family. **Database links:** **Entrez Gene:** 9442 Human **Entrez Gene:** 525389 Cow **Entrez Gene:** 68975 Mouse **Entrez Gene:** 414430 Pig **Entrez Gene:** 296612 Rat Omim: 605044 Human **SwissProt:** Q2TBN7 Cow **SwissProt:** Q6P2C8 Human **SwissProt:** Q9DB40 Mouse **SwissProt:** Q6Q7J5 Pig **Unigene:** 374262 Human **Unigene:** 330109 Mouse **Unigene:** 105472 Rat

[VALIDATION IMAGES]



Sample:
Tongue (Mouse) Lysate at 40 ug
Primary: Anti-CRSP8 (SL14069R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 35 kD
Observed band size: 35 kD

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