SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Rabbit Anti-CRISP11 antibody

**Catalog Number: SL14061R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

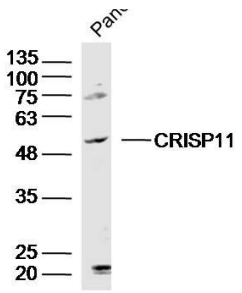
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|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | CRISP11 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human CRISP11: 101-200/497 |
| **Purification:** | affinity purified 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<br>IHC-P=1:100-500<br>IHC-F=1:100-500<br>IF=1:100-500 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Mouse, Rat, (predicted: Human, Dog, Pig, Cow, Sheep) |
| **Predicted MW.:** | 54kDa |
| **Subcellular Location:** | cytoplasmic |
| **Background:** | Cysteine-rich secretory proteins (CRISPs) represent a family of evolutionarily conserved proteins that may play a role in the innate immune system and are transcriptionally regulated by androgens in several tissues. CRISP proteins are highly expressed in the mammalian reproductive tract and in the venom secretory ducts of some reptiles. CRISP-11 (cysteine-rich secretory protein 11), also known as cysteine-rich secretory protein LCCL domain-containing 2 (CRISPLD2 or LCRISP2), is a 497 amino acid protein containing 2 LCCL domains, which are thought to function as autonomous folding domains used to construct modular proteins through exon shuffling. Serum concentrations of CRISP-11 have been shown to be an indicator of a patient’s exposure to lipopolysaccahride (LPS), the immunostimulatory component of Gram- |

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

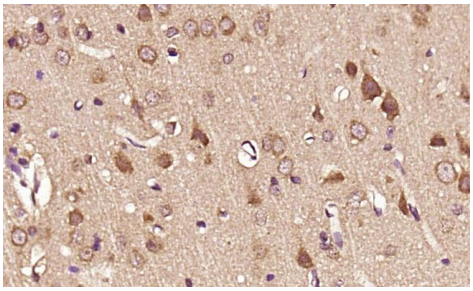
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| | negative bacteria, and can determine one's sensitivity to it.<br>**Function:** Promotes matrix assembly.<br>**Subcellular Location:** Secreted.<br>**Similarity:** Belongs to the CRISP family.<br>Contains 2 LCCL domains.<br>**Database links:**<br>**Entrez Gene:** 83716 Human<br>**Entrez Gene:** 78892 Mouse<br>**Entrez Gene:** 171547 Rat<br>Omim: 612434 Human<br>**SwissProt:** Q9H0B8 Human<br>**SwissProt:** Q8BZQ2 Mouse<br>**Unigene:** 513779 Human<br>**Unigene:** 617091 Human<br>**Unigene:** 264680 Mouse |

## [ VALIDATION IMAGES ]




Sample: pancreas (Mouse) Lysate at 40 ug
Primary: Anti-CRISP11(SL14061R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 54 kD
Observed band size: 54 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CRISP11) Polyclonal Antibody, Unconjugated (SL14061R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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