
CRISP3 Rabbit pAb

Catalog Number: bs-6521R

Target Protein: CRISP3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted:Human, Rat, Rabbit, Sheep, Cow, Dog, Horse)

Predicted MW: 25 kDa

Subcellular: Secreted, Cytoplasm

Locations:

Entrez Gene: 10321

Swiss Prot: P54108

Source: KLH conjugated synthetic peptide derived from human CRISP3: 21-120/245.

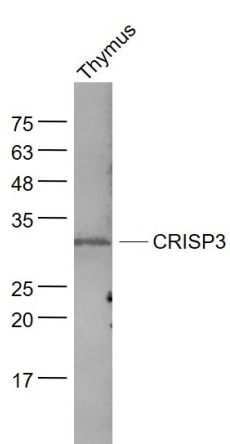
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Cysteine-rich secretory proteins (CRISPs) represent a family of evolutionarily conserved proteins which may play a role in the innate immune system and are transcriptionally regulated by androgens in several tissues. AEG is a sperm surface protein involved in the fusion of egg and sperm. Although CRISP-1 (also designated AEG-like protein, ARP, cysteine-rich secretory protein-1 or AEG-related protein) is not the ortholog of rodent AEG, it resembles AEG in that it is an epididymal secretory glycoprotein that binds to the postacrosomal region of the sperm head. CRISP-1 coats the postacrosomal region of sperm heads as they pass through the epididymis. CRISP-1 is found in all regions of the epididymis, ductus deferens, seminal plasma and sperm. CRISP-3 is expressed in pancreas and prostate tissues and, along with CRISP-1, is expressed in saliva. The gene that encodes CRISP-3 is an early response gene that may participate in the pathophysiology of the autoimmune lesions of Sjogren's syndrome.

VALIDATION IMAGES



Sample: Thymus (Mouse) Lysate at 40 ug Primary: Anti- CRISP3 (bs-6521R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 25 kD Observed band size: 29kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.532] Chenming Zhang. et al. Transcriptomics and proteomics analysis to explore the mechanism of Yishen Tongluo formula repairing sperm DNA damage in rats. ANDROLOGIA. 2022 Sep;;e14582 WB ; Rat . 36068021