10320 Camino Santa Fe, Suite G
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CRISP3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58459

Specification

CRISP3 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, E**
Primary Accession	P54108
Reactivity	**Rat, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**25 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human CRISP3**
Epitope Specificity	**21-120/245**
Isotype	**IgG**

Purity
affinity purified by Protein A

Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Secreted. In neutrophils, localized in specific granules.**
SIMILARITY	**Belongs to the CRISP family.**
SUBUNIT	**Interacts with A1BG.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
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.

CRISP3 Polyclonal Antibody - Additional Information

Gene ID 10321

Other Names
Cysteine-rich secretory protein 3, CRISP-3, Specific granule protein of 28 kDa, SGP28, CRISP3

Target/Specificity
Salivary gland, pancreas and prostate epididymis, ovary, thymus and colon.

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. 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 ℃.

CRISP3 Polyclonal Antibody - Protein Information

Name CRISP3

Cellular Location
Secreted. Note=In neutrophils, localized in specific granules

Tissue Location
Salivary gland, pancreas and prostate > epididymis, ovary, thymus and colon

CRISP3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CRISP3 Polyclonal Antibody - Images

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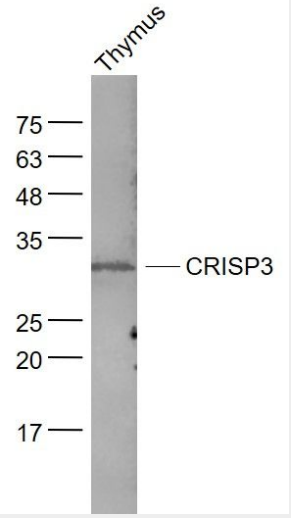

Sample:
Thymus (Mouse) Lysate at 40 ug
Primary: Anti- CRISP3 (bs-6521R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 25 kD
Observed band size: 29kD