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[Primary Antibody]

Rabbit Anti-CRISP1 antibody

Catalog Number: SL14058R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CRISP1
Immunogen:	KLH conjugated synthetic peptide derived from human CRISP1: 21-120/249
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 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human)
Predicted MW.:	26kDa
Subcellular Location:	The cell membrane
Background:	Fertilization consists of a sequence of specific cell-cell interactions culminating in the fusion of the sperm and egg plasma membranes. Recognition, binding, and fusion occur through the interaction of complementary molecules that are localized to specific domains of the sperm and egg plasma membranes. In the sperm, the postacrosomal region or equatorial segment is involved in sperm-egg plasma membrane fusion. The protein encoded by this gene is a member of the cysteine-rich secretory protein (CRISP) family. It is expressed in the epididymis, is secreted into the epididymal lumen, and binds to the postacrosomal region of the sperm head, where it plays a role in sperm-egg fusion. Alternatively spliced transcript

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	variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011] **Function:** May have a role in sperm-egg fusion and maturation. **Subcellular Location:** Note=Located in the lumen and epithelium of distal ductus efferentes and epididymal ducts, and on the postacrosomal region of the sperm head. **Tissue Specificity:** Caput, corpus, and cauda regions of the epididymis, the ductus deferens, sperm and seminal plasma. **Similarity:** Belongs to the CRISP family. Contains 1 SCP domain. Contains 1 ShKT domain. **Database links:** **Entrez Gene:** 167 Human Omim: 601193 Human **SwissProt:** P54107 Human **Unigene:** 109620 Human

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