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CRISP1 Rabbit pAb

Catalog # AP97412

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P54107
Other Accession	P54107
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28481
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CRISP1
Epitope Specificity	21-120/249
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the CRISP family. Contains 1 SCP domain.Contains 1 ShKT domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]

Additional Information

Gene ID	167
Other Names	AEGL1; ARP; CRISP-1; HEL-S-57; HSCRISP1D; HSCRISP1G; HUMARP; CRIS1_HUMAN; CRISP1; AEG-like protein; Acidic epididymal glycoprotein homolog; cysteine rich secretory protein 1; acidic epididymal glycoprotein-like 1
Dilution	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
Storage	Store at -20 °C 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 °C.

Protein Information

Name	CRISP1
Synonyms	AEGL1
Function	May have a role in sperm-egg fusion and maturation.
Cellular 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 Location	Caput, corpus, and cauda regions of the epididymis, the ductus deferens, sperm and seminal plasma

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.