

Rabbit anti-Human CRISP1 Polyclonal Antibody | anti-CRISP1 antibody

CRISP1 Antibody (C-term)

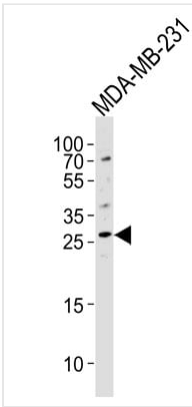
CATALOG # AAA285536	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

CRISP1; Polyclonal Antibody; CRISP1 Antibody (C-term); Cysteine-rich secretory protein 1; CRISP-1; AEG-like protein; ARP; Acidic epididymal glycoprotein homolog; AEGL1; anti-CRISP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CRISP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 162-191 amino acids from the C-terminal region of human CRISP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	162-191
Sequence Length	178
Applicable Applications for anti-CRISP1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	Human
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
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysate from MDA-MB-231 cell line, using CRISP1 Antibody (C-term).
AAA285536 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-CRISP1 antibody	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. This protein 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 at fertilization in sperm-egg fusion through complementary sites localized on the egg surface. Two isoforms are encoded by transcript variants of this gene.
Product Categories/Family for anti-CRISP1 antibody	Developmental Biology
References	Mungall, A.J., et al. Nature 425(6960):805-811(2003) Evans, J.P. Hum. Reprod. Update 8(4):297-311(2002) Cuasnicu, P.S., et al. Arch. Med. Res. 32(6):614-618(2001) Cohen, D.J., et al. Biol. Reprod. 65(4):1000-1005(2001) Kirchhoff, C. Rev. Reprod. 3(2):86-95(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	25121982
NCBI GeneID	167
NCBI Accession #	NP_001122.2; NP_001192149.1; NP_733758.1
NCBI GenBank Nucleotide #	NM_001131.2
UniProt Accession #	P54107; O00698; Q13248; Q14082; Q96SF6; B5BU98
Molecular Weight	28481
NCBI Official Full Name	cysteine-rich secretory protein 1 isoform 1
NCBI Official Synonym Full Names	cysteine-rich secretory protein 1
NCBI Official Symbol	CRISP1

NCBI Official Synonym Symbols	ARP; AEGL1; HUMARP; CRISP-1; HSCRISP1D; HSCRISP1G
NCBI Protein Information	cysteine-rich secretory protein 1
UniProt Protein Name	Cysteine-rich secretory protein 1
UniProt Gene Name	CRISP1
UniProt Synonym Gene Names	AEGL1; CRISP-1
UniProt Entry Name	CRIS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/crisp1-antibody-western-blot-elisa/285536>