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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53580_P050-HRP
Product Page	www.avivasysbio.com/crisp1-antibody-n-terminal-region-hrp-arp53580-p050-hrp.html
Name	CRISP1 Antibody - N-terminal region : HRP (ARP53580_P050-HRP)
Protein Size (# AA)	249 amino acids
Molecular Weight	27kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	167
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Cysteine-rich secretory protein 1
Alias Symbols	ARP, AEGL1, HUMARP, CRISP-1, HEL-S-57, HSCRISP1D, HSCRISP1G
Peptide Sequence	Synthetic peptide located within the following region: LKMSWSEEAQNAIRIFSKYCDMTESNPLERRLPNTFCGENMHMTSYPVSW
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Mungall, A.J., (2003) Nature 425 (6960), 805-811
Description of Target	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. CRISP1 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 at fertilization in sperm-egg fusion through complementary sites localized on the egg surface. 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.
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-CRISP1 (ARP53580_P050-HRP) antibody
Blocking Peptide	For anti-CRISP1 (ARP53580_P050-HRP) antibody is Catalog # AAP53580 (Previous Catalog # AAPS32908)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CRISP1
Uniprot ID	P54107
Protein Name	Cysteine-rich secretory protein 1
Protein Accession #	NP_001122
Purification	Affinity Purified
Nucleotide Accession #	NM_001131
Gene Symbol	CRISP1

Predicted Species Reactivity	Human, Cow, Dog, Goat, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 85%; Dog: 85%; Goat: 85%; Human: 100%; Pig: 85%; Rabbit: 79%; Zebrafish: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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