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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55991_P050-HRP
Product Page	www.avivasysbio.com/zp1-antibody-middle-region-hrp-arp55991-p050-hrp.html
Name	ZP1 Antibody - middle region : HRP (ARP55991_P050-HRP)
Protein Size (# AA)	638 amino acids
Molecular Weight	70kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	22917
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Zona pellucida glycoprotein 1 (sperm receptor)
Alias Symbols	OOMD, OOMD1, HEL163
Peptide Sequence	Synthetic peptide located within the following region: PVGFEDSYGQEPTLGPTDSNGNSSLRPLLWAVLLLPAAVALVLGFGVFLGL
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Gook,D.A., (2008) Hum. Reprod. 23 (2), 394-402
Description of Target	The mammalian zona pellucida, which mediates species-specific sperm binding, induction of the acrosome reaction and prevents post-fertilization polyspermy, is composed of three to four glycoproteins, ZP1, ZP2, ZP3, and ZP4. ZP1 ensures the structural integrity of the zona pellucida.
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-ZP1 (ARP55991_P050-HRP) antibody
Blocking Peptide	For anti-ZP1 (ARP55991_P050-HRP) antibody is Catalog # AAP55991 (Previous Catalog # AAPP37338)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ZP1
Uniprot ID	P60852
Protein Name	Zona pellucida sperm-binding protein 1
Protein Accession #	NP_997224
Purification	Affinity Purified
Nucleotide Accession #	NM_207341
Gene Symbol	ZP1
Predicted Species Reactivity	Human
Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 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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