

Product datasheet for **TA356544**

ZP2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human ZP2
Specificity:	Expected reactivity: Guinea Pig, Horse, Human, Rabbit, Rat Homology: Guinea Pig: 79%; Horse: 79%; Human: 100%; Rabbit: 79%; Rat: 90%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	81kDa
Gene Name:	zona pellucida glycoprotein 2
Database Link:	NP_003451 Entrez Gene 7783 Human Q05996
Background:	The zona pellucida is an extracellular matrix that surrounds the oocyte and early embryo. It is composed of three glycoproteins with various functions during fertilization and preimplantation development. The glycosylated mature peptide is one of the structural components of the zona pellucida and functions in secondary binding and penetration of acrosome-reacted spermatozoa. Female mice lacking this gene do not form a stable zona matrix and are sterile. Alternative splicing results in multiple transcript variants.



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Synonyms: ZPA

Product images:



Host: Rabbit
Target Name: ZP2
Sample Tissue: HT1080 Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: ZP2
Sample Type: HT1080 Whole Cell lysates
Antibody Dilution: 1.0 μ g/ml