

Rabbit anti-Human ZP2 Polyclonal Antibody | anti-ZP2 antibody

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CATALOG # AAA244101	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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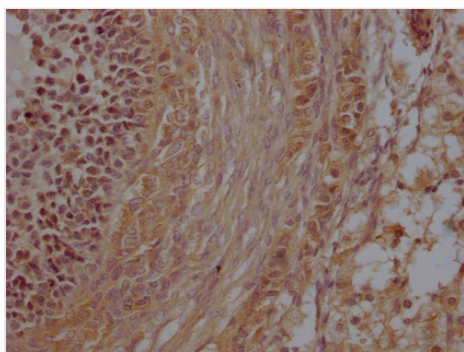
PRODUCT SYNONYMS

ZP2; Polyclonal Antibody; Rabbit anti-Human ZP2 Polyclonal Antibody; Zona pellucida sperm-binding protein 2 (Zona pellucida glycoprotein 2) (Zp-2) (Zona pellucida protein A) [Cleaved into: Processed zona pellucida sperm-binding protein 2]; ZPA; ZP2 Antibody; anti-ZP2 antibody

PRODUCT SPECIFICATIONS

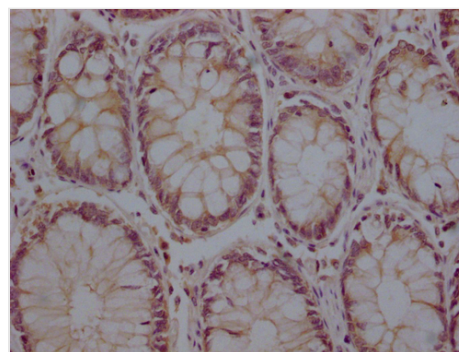
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid. Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-ZP2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Zona pellucida sperm-binding protein 2 protein (440-716aa)
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of man ovarian tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image of man colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for anti-ZP2 antibody	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. ZP2 may act as a secondary sperm receptor.
Product Categories/Family for anti-ZP2 antibody	Others

NCBI AND UNIPROT INFORMATION

NCBI GI #	588282802
NCBI GeneID	7783
NCBI Accession #	NP_001277033.1
NCBI GenBank Nucleotide #	NM_001290104.1
UniProt Accession #	Q05996; Q4VAN9; Q4VAP0; Q4VAP1; B2R7J2
Molecular Weight	81,300 Da
NCBI Official Full Name	zona pellucida sperm-binding protein 2 isoform 2 preproprotein
NCBI Official Synonym Full Names	zona pellucida glycoprotein 2
NCBI Official Symbol	ZP2
NCBI Official Synonym Symbols	ZPA; Zp-2
NCBI Protein Information	zona pellucida sperm-binding protein 2
UniProt Protein Name	Zona pellucida sperm-binding protein 2
UniProt Gene Name	ZP2
UniProt Synonym Gene Names	ZPA; Zp-2
UniProt Entry Name	ZP2_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://stage.aaabiotech.com/polyclonal/zp2-antibody-immunohistochemistry-elisa/244101>