

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

ZP2 Antibody

CATALOG # AAA231256	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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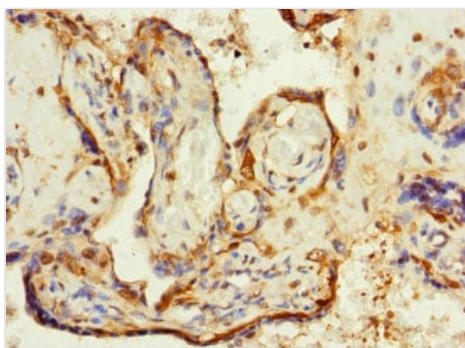
PRODUCT SYNONYMS

ZP2; Polyclonal Antibody; ZP2 Antibody; Zona pellucida sperm-binding protein 2; Zona pellucida glycoprotein 2; Zp-2; Zona pellucida protein A; ZPA; anti-ZP2 antibody

PRODUCT SPECIFICATIONS

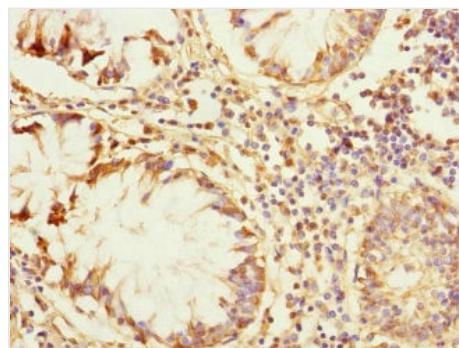
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	736
Applicable Applications for anti-ZP2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Zona pellucida sperm-binding protein 2 protein (C-95AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23710 / sc-30222
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



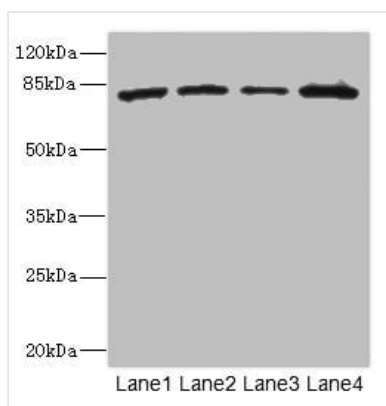
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA231256 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA231256 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ZP2 antibody at 3.06ug/mlLane 1: 293T whole cell lysateLane 2: Hela whole cell lysateLane 3: Jurkat whole cell lysateLane 4: HepG-2 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 83,82 kDaObserved band size: 82 kDa

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.

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://www.aaabiotech.com/polyclonal/zp2-antibody-immunohistochemistry-western-blot-elisa/231256>