

Rabbit ZP2 Polyclonal Antibody | anti-ZP2 antibody

ZP2 Rabbit Polyclonal Antibody

CATALOG # AAA30586	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunofluorescence
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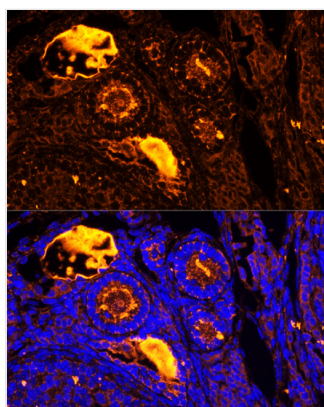
PRODUCT SYNONYMS

ZP2; Polyclonal Antibody; ZP2 Rabbit Polyclonal Antibody; ZPA; Zp-2; anti-ZP2 antibody

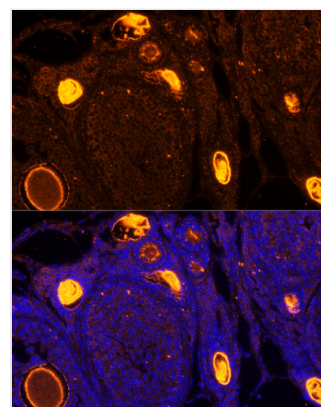
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ZP2 antibody	WB (Western Blot), IF (Immunofluorescence)
Application Notes	WB: 1:1000-1:4000 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human ZP2 (NP_003451.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

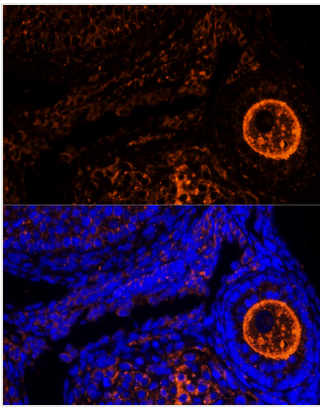


IF (Immunofluorescence)

Immunofluorescence analysis of mouse oophoroma cells using ZP2 at dilution of 1:100.
Blue: DAPI for nuclear staining.


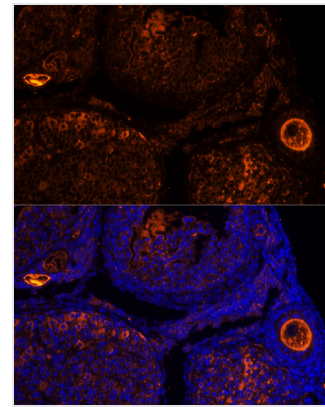
IF (Immunofluorescence)

Immunofluorescence analysis of mouse oophoroma cells using ZP2 at dilution of 1:100.
Blue: DAPI for nuclear staining.



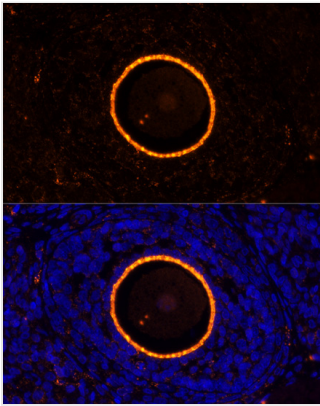
IF (Immunofluorescence)

Immunofluorescence analysis of mouse oophoroma cells using ZP2 at dilution of 1:100. Blue: DAPI for nuclear staining.



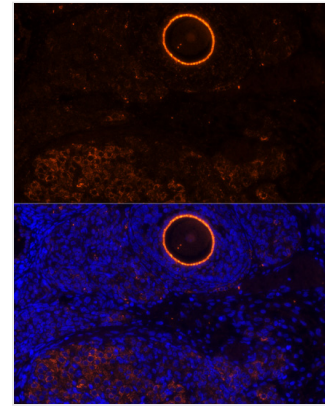
IF (Immunofluorescence)

Immunofluorescence analysis of mouse oophoroma cells using ZP2 at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of rat oophoroma cells using ZP2 at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of rat oophoroma cells using ZP2 at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ZP2 antibody	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.
Product Categories/Family for anti-ZP2 antibody	Primary Antibody

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/zp2-antibody-western-blot-immunofluorescence-elisa/30586>