antibodies - online.com





Datasheet for ABIN7176727

anti-ZP4 antibody (AA 368-457)





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Quantity:	100 μg
Target:	ZP4
Binding Specificity:	AA 368-457
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZP4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Zona pellucida sperm-binding protein 4 protein (368-457AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	ZP4
Alternative Name:	ZP4 (ZP4 Products)
Background:	Background: The mammalian zona pellucida, which mediates species-specific sperm binding,
	induction of the acrosome reaction and prevents post-fertilization polyspermy, is composed of

Target Details

three to four glycoproteins, ZP1, ZP2, ZP3, and ZP4. ZP4 may act as a sperm receptor. Aliases: Processed zona pellucida sperm-binding protein 4 antibody, ZBP antibody, Zona pellucida B protein antibody, Zona pellucida glycoprotein 4 antibody, Zona pellucida protein B antibody, Zona pellucida sperm binding protein 4 antibody, Zp-4 antibody, ZP1 antibody, ZP4 antibody, ZP4_HUMAN antibody, ZPB antibody

UniProt:

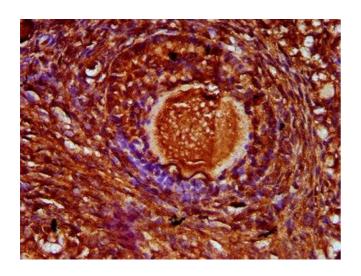
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Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500,
Restrictions:	For Research Use only
Handling	

Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	

Images



Immunohistochemistry

Image 1. IHC image of ABIN7176727 diluted at 1:300 and staining in paraffin-embedded human ovarian tissue performed on a Leica BondTM 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°C overnight. The primary is detected by a biotinylated secondary antibody and



visualized using an HRP conjugated SP system.