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Datasheet for ABIN7465058 **anti-ZP1 antibody**

Overview

Quantity:	100 µL
Target:	ZP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ZP1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ZP1
Alternative Name:	zona pellucida glycoprotein 1 (ZP1 Products)
Background:	Zona pellucida glycoprotein 1 , HEL163 , OOMD , OOMD1, 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

Target Details

	ZP4. ZP1 ensures the structural integrity of the zona pellucida.
Molecular Weight:	70 kDa
Gene ID:	22917
UniProt:	P60852

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.7 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.