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Datasheet for ABIN7176728
anti-ZP4 antibody (AA 368-457) (Biotin)

Overview

Quantity:	100 µg
Target:	ZP4
Binding Specificity:	AA 368-457
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZP4 antibody is conjugated to Biotin
Application:	ELISA

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: [Q12836](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.