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Datasheet for ABIN6150532
anti-ZP1 antibody (AA 340-610)

1 Image

Overview

| | |
|----------------------|------------------------------------|
| Quantity: | 100 µL |
| Target: | ZP1 |
| Binding Specificity: | AA 340-610 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ZP1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-------------------|---|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 340-610 of human ZP1 (NP_997224.2). |
| Sequence: | AGDQLIYENW LVSGIHIQKG PQGSITRDST FQLHVRCVFN ASDFLPIQAS IFPPSPAPM TQPGPLRLEL RIAKDETFSS YYGEDDYPIV RLLREPVHVE VRLLQRTPDN LVLLLHQCWG APSANPFQQP QWPILSDGCP FKGDSYRTQM VALDGATPFQ SHYQRFTVAT FALLDSGSQR ALRGLVYLFC STSACHTSGL ETCSTACSTG TTRQRRSSGH RNDTARPQDI VSSPGPVGFE DSYGQEPTLG PTDSNGNSSL RPLLWAVLLL P |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |

Target Details

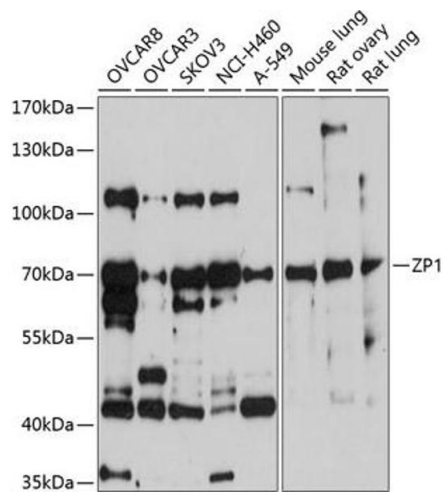
| | |
|-------------------|---|
| Target: | ZP1 |
| Alternative Name: | ZP1 (ZP1 Products) |
| Background: | The zona pellucida is an extracellular matrix that surrounds the oocyte and early embryo. It is composed primarily of three or four glycoproteins with various functions during fertilization and preimplantation development. The protein encoded by this gene ensures the structural integrity of the zona pellucida. Mutations in this gene are a cause of oocyte maturation defect and infertility.,ZP1,HEL163,OOMD,OOMD1,ZP1 |
| Molecular Weight: | 70 kDa |
| Gene ID: | 22917 |
| UniProt: | P60852 |

Application Details

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|--------------------|-----------------------|
| Application Notes: | WB,1:500 - 1:2000 |
| Comment: | HIGH QUALITY |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ZP1 antibody (ABIN6130973, ABIN6150532, ABIN6150533 and ABIN6214972) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.