

# ZP1 Rabbit pAb

Catalog NO.: A10776 **2 Publications**

## Basic Information

### Observed MW

70kDa

### Calculated MW

70kDa

### Category

Polyclonal Antibodies

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:2000

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

22917

### Swiss Prot

P60852

### Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms

OOMD; ZPB1; OOMD1; HEL163; OZEMA1; ZP1

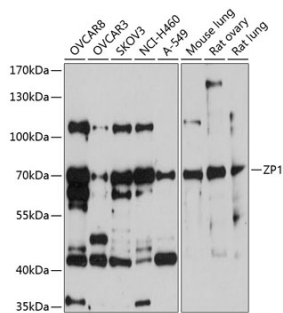
## Contact

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

|                                                       |                |                       |
|-------------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                         | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                                | IgG            | Affinity purification |
| <b>Storage</b>                                        |                |                       |
| Store at -20°C. Avoid freeze / thaw cycles.           |                |                       |
| Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. |                |                       |

Validation Data



Western blot analysis of various lysates using ZP1 Rabbit pAb (A10776) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.

