



# ZPBP1 rabbit pAb

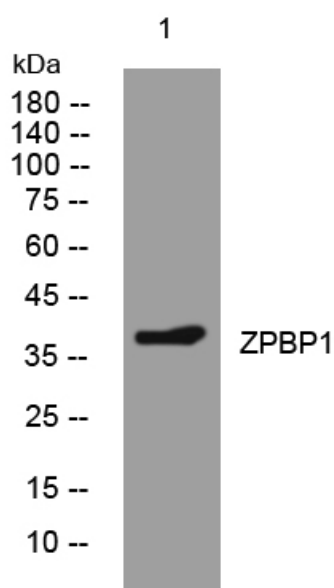
|                                    |                                                                                                                                                                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-07901                                                                                                                                                                                                                                              |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>                  | Human; Mouse                                                                                                                                                                                                                                             |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>                   | ZPBP ZPBP1                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                   | Synthesized peptide derived from human ZPBP1 AA range: 176-226                                                                                                                                                                                           |
| <b>Specificity</b>                 | This antibody detects endogenous levels of ZPBP1 at Human/Mouse                                                                                                                                                                                          |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.15% sodium azide.                                                                                                                                                                                  |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                   |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                            |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                     |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                             |
| <b>Synonyms</b>                    | SP38;zona pellucida binding protein;ZPBP;ZPBP1;ZPBP ZPBP1;Zona pellucida-binding protein 1 (Sp38)                                                                                                                                                        |
| <b>Observed Band</b>               | 38kD                                                                                                                                                                                                                                                     |
| <b>Calculated Molecular Weight</b> | 38kD                                                                                                                                                                                                                                                     |
| <b>Cell Pathway</b>                | Cytoplasmic vesicle, secretory vesicle, acrosome membrane ; Peripheral membrane protein . Secreted . First localized in acrosome granule, later migrates to the inner and outer acrosomal membrane. Released after the acrosomal reaction. .             |
| <b>Tissue Specificity</b>          | Expressed specifically in testis.                                                                                                                                                                                                                        |
| <b>Function</b>                    | function:May be implicated in gamete interaction during fertilization., similarity:Belongs to the zona pellucida-binding protein Sp38 family.,                                                                                                           |
| <b>Background</b>                  | ZPBP is one of several proteins that are thought to participate in secondary binding between acrosome-reacted sperm and the egg-specific extracellular matrix, the zona pellucida (McLeskey et al., 1998 [PubMed 9378618]).[supplied by OMIM, Aug 2008], |

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°over night