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Datasheet for ABIN5690298  
**anti-TOPAZ1 antibody (AA 1330-1380)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 0.1 mg   |
| Target:              | TOPAZ1   |
| Binding Specificity: | AA 1330-1380   |
| Reactivity:          | Human, Mouse, Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This TOPAZ1 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|               |   |
|---------------|---|
| Immunogen:    | TOPAZ1 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human TOPAZ1.<br><br>The immunogen is located within amino acids 1330 - 1380 of TOPAZ1. |
| Isotype:      | IgG   |
| Specificity:  | TOPAZ1 antibody is human, mouse and rat reactive. At least three isoforms of TOPAZ1 are known to exist.   |
| Purification: | TOPAZ1 antibody is affinity chromatography purified via peptide column.   |

## Target Details

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|                   |  |
|-------------------|--|
| Target:           | TOPAZ1   |
| Alternative Name: | TOPAZ1 ( <a href="#">TOPAZ1 Products</a> )   |
| Background:       | The testis and ovary specific PAZ domain containing 1 (TOPAZ1) protein is a highly conserved protein that is highly expressed in the gonads during germ cell meiosis, suggesting that it may play a role in germ cell development (1). It contains a PAZ domain and a zinc finger domain and is exclusively expressed in adult testis and fetal ovary. |
| Molecular Weight: | Predicted: 65, 186 kDa<br>Observed: 60, 240 kDa  |
| Gene ID:          | 375337   |
| NCBI Accession:   | <a href="#">NP_001138502</a>   |
| UniProt:          | <a href="#">Q8N9V7</a>   |

## Application Details

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| Application Notes: | TOPAZ1 antibody can be used for detection of TOPAZ1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL. |
| Restrictions:      | For Research Use only  |

## Handling

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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | TOPAZ1 Antibody is supplied in PBS containing 0.02 % sodium azide.   |
| 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:           | 4 °C, -20 °C   |
| Storage Comment:   | TOPAZ1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.                            |