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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 600-401-GD9

# ZIMP7 Antibody

## Overview

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| **Description:** | Anti-ZIMP7 (RABBIT) Antibody - 600-401-GD9 |
| **Item No.:** | 600-401-GD9 |
| **Size:** | 100 µg |
| **Applications:** | ELISA, WB |
| **Reactivity:** | Human, Mouse |
| **Host Species:** | Rabbit |

## Product Details

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| **Background:** | ZIMP7, also known as ZMIZ2, is a novel PIAS (protein inhibitor of activated signal transducer and activator of transcription)-like protein and a transcriptional coactivator. ZIMP7 is expressed most abundantly in testis. The C-terminal proline-rich domain possesses a significant intrinsic transcriptional activity and this activity is inhibited by the N-terminus in the full-length ZIMP7. ZIMP7 and the related protein ZIMP10 interact with PIAS3 and enhances Androgen Receptor (AR)- mediated transcription. The interaction between ZIMP7 and SWI/SNF complex suggests a possible role for ZIMP7 in chromatin modification. |
| **Synonyms:** | ZIMP7 Antibody, NET27, ZIMP7, hZIMP7, TRAFIP20, KIAA1886, HRIHFB2007, Zinc finger MIZ domain-containing protein 2, PIAS-like protein Zimp7 |
| **Host Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **Format:** | IgG |

## Target Details

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| **Gene Name:** | ZMIZ2 |
| **Reactivity:** | Human, Mouse |
| **Immunogen Type:** | Conjugated Peptide |
| **Immunogen:** | Anti-ZIMP7 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the internal region of human ZIMP7. |

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| **Purity/Specificity:** | Anti-ZIMP7 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least four isoforms are known to exist. ZIMP7 antibody is predicted to not cross-react with other PIAS protein family members. |
| **Relevant Links:** | • UniProtKB - Q8NF64<br>• GeneID - 83637<br>• NCBI - NP_001287888.1 |

## Application Details

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| **Tested Applications:** | ELISA, WB |
| **Application Note:** | Anti-ZIMP7 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 97 kDa in Western Blots of specific cell lysates and tissues. |
| **Assay Dilutions:** | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below. |
| **ELISA:** | 1:2500 - 1:5000 |
| **WB:** | 0.25-0.5 µg/mL |

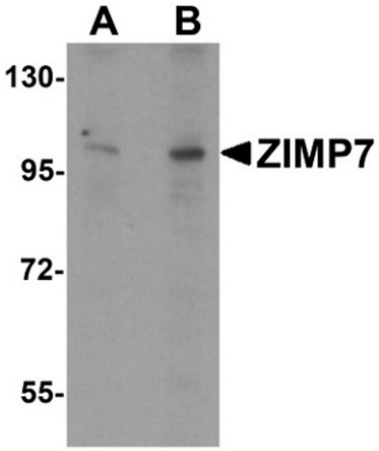
## Formulation

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| **Physical State:** | Liquid (sterile filtered) |
| **Concentration:** | 1 mg/mL by UV absorbance at 280 nm |
| **Buffer:** | 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2 |
| **Preservative:** | 0.02% (w/v) Sodium Azide |
| **Stabilizer:** | None |

## Shipping & Handling

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| **Shipping Condition:** | Dry Ice |
| **Storage Condition:** | Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| **Expiration:** | Expiration date is one (1) year from date of receipt. |

## Images




**Western Blot**
Western blot analysis of ZIMP7.
Load: A20 cell lysate.
Primanry Antibody: ZIMP7 antibody at (A) 0.25 µg/ml and (B) 0.5 µg/mL.

## Disclaimer

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