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Datasheet for 600-401-GD9

ZIMP7 Antibody

Overview

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

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

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.

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 • GeneID - 83637 • NCBI - NP_001287888.1

Application Details

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

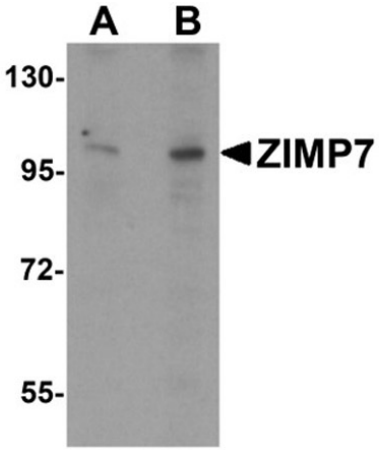
Formulation

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

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.

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