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Datasheet for ABIN783450
anti-ZMIZ2 antibody (Center)

1 Image

Overview

Quantity:	0.1 mg
Target:	ZMIZ2
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZMIZ2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	17 amino acid peptide near the center of human ZIMP7
Specificity:	This antibody detects ZMIZ2 at Center. ZIMP7 antibody is predicted to not cross-react with other PIAS protein family members.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ZMIZ2
Alternative Name:	ZMIZ2 (ZMIZ2 Products)
Background:	ZIMP7, also known as ZMIZ2, is a novel PIAS (protein inhibitor of activated signal transducer

Target Details

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. At least four isoforms are known to exist. Synonyms: HRIHFB2007, KIAA1886, ZIMP7, Zinc finger MIZ domain-containing protein 2

Gene ID: 83637

NCBI Accession: [NP_113637](#)

UniProt: [Q8NF64](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

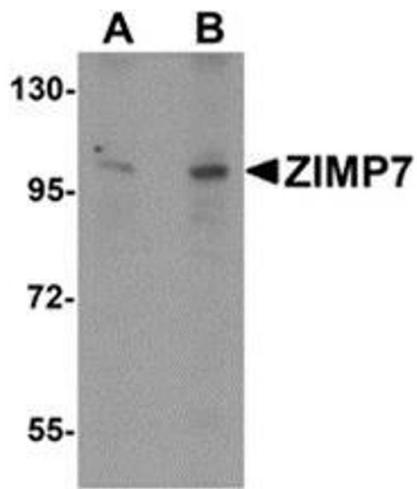
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ZIMP7 in A20 cell lysate with ZIMP7 antibody at (A) 0.25 $\mu\text{g/ml}$ and (B) 0.5 $\mu\text{g/ml}$.