

Datasheet for ABIN783452  
**anti-ZMIZ1 antibody (N-Term)**



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1 Image

## Overview

Quantity:	0.1 mg
Target:	ZMIZ1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZMIZ1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	15 amino acid peptide near the amino terminus of human ZIMP10
Specificity:	This antibody detects ZMIZ1 / RAI17 at N-term. At least three isoforms are known to exist, this antibody will recognize all three. ZIMP10 antibody is predicted to not cross-react with other PIAS protein family members.
Cross-Reactivity (Details):	Species reactivity (tested): Human
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	ZMIZ1
Alternative Name:	ZMIZ1 / RAI17 ( <a href="#">ZMIZ1 Products</a> )

## Target Details

**Background:** ZIMP10, also known as ZMIZ1, is a novel PIAS (protein inhibitor of activated signal transducer and activator of transcription)-like protein initially identified as a transcriptional co-activator of the androgen receptor (AR). ZIMP10 and the related protein ZIMP7 interact with PIAS3 and enhances AR-mediated transcription. Later experiments showed that ZIMP10 is also a co-activator of the p53 tumor suppressor. Mice deficient in ZIMP10 result in embryonic lethality by E10.5, these embryos reveal severe defects in the reorganization of the yolk sac vascular plexus, indicating that ZIMP10 plays an important role in proper vascular development. Synonyms: KIAA1224, PIAS-like protein Zimp10, Retinoic acid-induced protein 17, ZIMP10, Zinc finger MIZ domain-containing protein 1

**Gene ID:** 57178

**NCBI Accession:** [NP\\_065071](#)

**UniProt:** [Q9ULJ6](#)

## 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

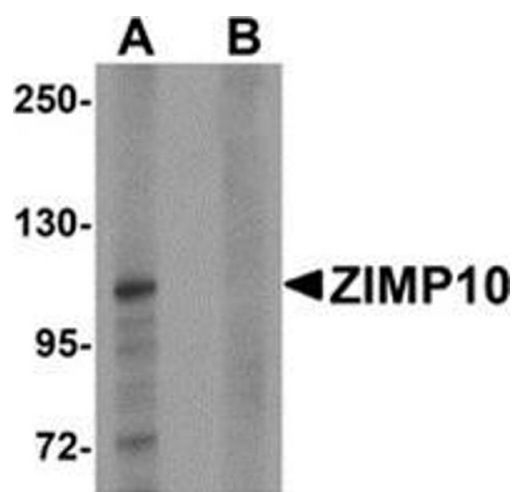
**Preservative:** Sodium azide

**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 ZIMP10 in K562 cell lysate with ZIMP10 antibody at 0.5 µg/ml in (A) the absence and (B) the presence of blocking peptide.