BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-ZIMP10 ZMIZ1 Antibody

**Catalog Number:** A04537

## About ZMIZ1

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.

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## Overview

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|---|---|
| Product Name | Anti-ZIMP10 ZMIZ1 Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-ZIMP10 ZMIZ1 Antibody (Catalog # A04537). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human. |
| Application | ELISA, IF, ICC, WB |
| Clonality | Polyclonal |
| Formulation | ZIMP10 Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | ZIMP10 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q9ULJ6 |

## Technical Details

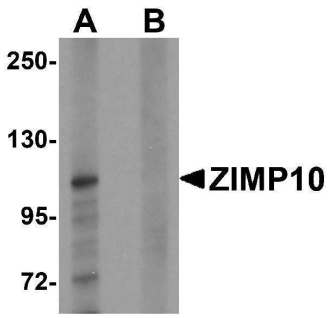
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| Immunogen | ZIMP10 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human ZIMP10. The immunogen is located within amino acids 90 - 140 of ZIMP10. |
| Predicted Reactive Species | Mouse |
| Cross Reactivity | At least three isoforms are known to exist; this antibody will recognize all three. ZIMP10 antibody is |

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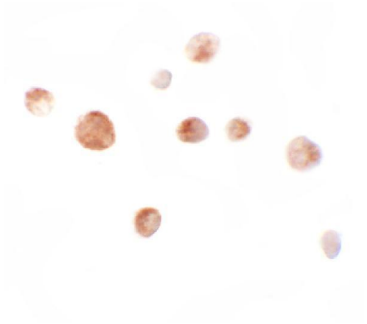
| | |
|---|---|
| | predicted to not cross-react with other PIAS protein family members. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | ZIMP10 Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | ZIMP10 antibody can be used for detection of ZIMP10 by Western blot at 0.5 ug/mL. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL.<br>Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

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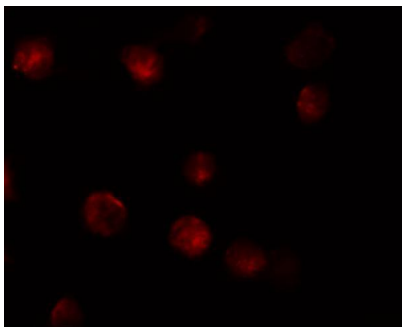
# Anti-ZIMP10 ZMIZ1 Antibody (A04537) Images




Western blot analysis of ZIMP10 in K562 cell lysate with ZIMP10 antibody at 0.5 ug/mL in (A) the absence and (B) the presence of blocking peptide



Immunocytochemistry of ZIMP10 in K562 cells with ZIMP10 antibody at 10 ug/mL.



Immunofluorescence of ZIMP10 in K562 cells with ZIMP10 antibody at 20 ug/mL.

Anti-ZIMP10 ZMIZ1 Antibody

For Research Use Only. Not for use in diagnostic procedures.