

**ZMIZ2 (PIASz1) Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP1252a****Specification**

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**ZMIZ2 (PIASz1) Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q8NF64](#)**ZMIZ2 (PIASz1) Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 83637**Other Names**

Zinc finger MIZ domain-containing protein 2, PIAS-like protein Zimp7, ZMIZ2, KIAA1886, ZIMP7

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1252a](/product/products/AP1252a) was selected from the C-term region of human PIASz1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ZMIZ2 (PIASz1) Antibody (C-term) Blocking peptide - Protein Information****Name** ZMIZ2**Synonyms** KIAA1886, ZIMP7**Function**

Increases ligand-dependent transcriptional activity of AR and other nuclear hormone receptors.

**Cellular Location**

Nucleus. Note=Detected at replication foci throughout S phase

**Tissue Location**

Expressed most abundantly in testis with lower levels in heart, brain, pancreas, prostate and ovary

**ZMIZ2 (PIASz1) Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**ZMIZ2 (PIASz1) Antibody (C-term) Blocking peptide - Images****ZMIZ2 (PIASz1) Antibody (C-term) Blocking peptide - Background**

PIASz is a members of the PIAS (protein inhibitor of activated signal transducer and activator of transcription) family of proteins, negative regulators of the Janus family of tyrosine kinase (JAK)-signal transducer and activator of transcription pathway. PIAS proteins have been shown to act as transcriptional co-regulators of multiple signaling pathways in various cellular processes. PIASz increases ligand-dependent transcriptional activity of androgen receptor and other nuclear hormone receptors, possibly through alteration of chromatin structure by SWI/SNF-like BAF complexes.

**ZMIZ2 (PIASz1) Antibody (C-term) Blocking peptide - References**

Muller S, et al., Nat Rev Mol Cell Biol. 2001 2(3):202-10 Review.Hochstrasser M. Cell. 2001 107(1):5-8. Review.Kahyo T, et al., Mol Cell. 2001 Sep;8(3):713-8.Yeh ET, et al., Gene. 2000 May 2;248(1-2):1-14. Review.Keane,M.M., et al., Oncogene 18 (22), 3365-3375 (1999)