10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ZMIZ2 (PIASz1) Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP1251a

Specification

ZMIZ2 (PIASz1) Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q8NF64

ZMIZ2 (PIASz1) Antibody (N-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 AP1251a was selected from the N-term region of human PIASz. 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 (N-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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ZMIZ2 (PIASz1) Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

ZMIZ2 (PIASz1) Antibody (N-term) Blocking peptide - Images

ZMIZ2 (PIASz1) Antibody (N-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.