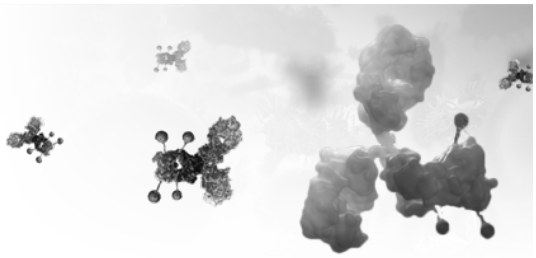

Human PIAS2 blocking peptide (CDBP2295)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PIAS2 (aa185-196) antibody
Antigen Description	This gene encodes a member of the protein inhibitor of activated STAT (PIAS) family. PIAS proteins function as SUMO E3 ligases and play important roles in many cellular processes by mediating the sumoylation of target proteins. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Isoforms of the encoded protein enhance the sumoylation of specific target proteins including the p53 tumor suppressor protein, c-Jun, and the androgen receptor. A pseudogene of this gene is located on the short arm of chromosome 4. The symbol MIZ1 has also been associated with ZBTB17 which is a different gene located on chromosome 1. [provided by RefSeq, Aug 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	PIAS2 protein inhibitor of activated STAT, 2 [Homo sapiens]
Official Symbol	PIAS2

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Synonyms	PIAS2; protein inhibitor of activated STAT, 2; E3 SUMO-protein ligase PIAS2; miz; PIASX ALPHA; PIASX BETA; zinc finger; MIZ type containing 4; ZMIZ4; DAB2-interacting protein; zinc finger, MIZ-type containing 4; msx-interacting zinc finger protein; protein inhibitor of activated STAT X; androgen receptor-interacting protein 3; DIP; MIZ; MIZ1; SIZ2; ARIP3; PIASX; PIASX-BETA; PIASX-ALPHA; MGC102682;
Entrez Gene ID	9063
mRNA Refseq	NM_004671
Protein Refseq	NP_004662
UniProt ID	O75928
Chromosome Location	18q12.1-q12.3
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem; IL12 signaling mediated by STAT4, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Pathways in cancer, organism-specific biosystem;
Function	DNA binding; SUMO ligase activity; androgen receptor binding; ligase activity; metal ion binding; protein binding; transcription coactivator activity; ubiquitin protein ligase binding; zinc ion binding;

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