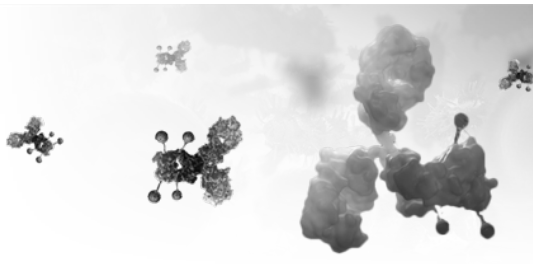

PIAS1 blocking peptide (CDBP5911)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the mammalian PIAS [protein inhibitor of activated STAT-1 (signal transducer and activator of transcription-1)] family. This member contains a putative zinc-binding motif and a highly acidic region. It inhibits STAT1-mediated gene activation and the DNA binding activity, binds to Gu protein/RNA helicase II/DEAD box polypeptide 21, and interacts with androgen receptor (AR). It functions in testis as a nuclear receptor transcriptional coregulator and may have a role in AR initiation and maintenance of spermatogenesis. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	PIAS1 protein inhibitor of activated STAT, 1 [Homo sapiens (human)]
Official Symbol	PIAS1
Synonyms	PIAS1; protein inhibitor of activated STAT, 1; GBP; ZMIZ3; DDXBP1; GU/RH-II; E3 SUMO-protein ligase PIAS1; gu-binding protein; AR interacting protein; DEAD/H box-binding protein 1; RNA helicase II-binding protein; zinc finger, MIZ-type containing 3; protein inhibitor of activated

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	STAT-1; protein inhibitor of activated STAT protein 1; DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1
Entrez Gene ID	8554
mRNA Refseq	NM_016166
Protein Refseq	NP_057250
UniProt ID	O75925
Pathway	Androgen receptor signaling pathway; Coregulation of Androgen receptor activity; Cytokine Signaling in Immune system; Hedgehog signaling events mediated by Gli proteins; Hepatitis C; IFN-gamma pathway; IL6-mediated signaling events; Immune System
Function	DNA binding; SUMO ligase activity; androgen receptor binding; enzyme binding; protein binding; protein domain specific binding; transcription coactivator activity; transcription corepressor activity; ubiquitin protein ligase binding; zinc ion binding

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