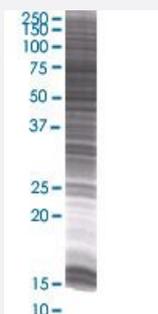


# PIAS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008554-T01

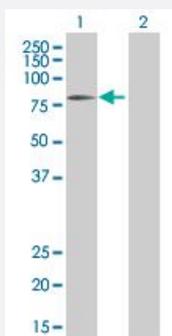
Size 100 uL

## Applications



### SDS-PAGE Gel

PIAS1 transfected lysate.



### Western Blot

Lane 1: PIAS1 transfected lysate ( 71.72 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-PIAS1 full-length

**Host** Human

**Theoretical MW (kDa)** 71.72

**Interspecies Antigen Sequence** Mouse (98)

<b>Quality Control Testing</b>	<p>Transient overexpression cell lysate was tested with Anti-PIAS1 antibody (<a href="#">H00008554-B01</a>) by Western Blots.</p> <p>SDS-PAGE Gel</p> <p>PIAS1 transfected lysate.</p> <p>Western Blot</p> <p>Lane 1: PIAS1 transfected lysate ( 71.72 KDa)</p> <p>Lane 2: Non-transfected lysate.</p>
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<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
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<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
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## Applications

- Western Blot

## Gene Info — PIAS1

<b>Entrez GeneID</b>	<a href="#">8554</a>
<b>GeneBank Accession#</b>	<a href="#">NM_016166.1</a>
<b>Protein Accession#</b>	<a href="#">NP_057250.1</a>
<b>Gene Name</b>	PIAS1
<b>Gene Alias</b>	DDXBP1, GBP, GU/RH-II, MGC141878, MGC141879, ZMIZ3
<b>Gene Description</b>	protein inhibitor of activated STAT, 1
<b>Omim ID</b>	<a href="#">603566</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	<p>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 I/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]</p>
<b>Other Designations</b>	AR interacting protein DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1 protein inhibitor of activated STAT-1 zinc finger, MIZ-type containing 3

## Pathway

- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

## Disease

- [Multiple Sclerosis](#)