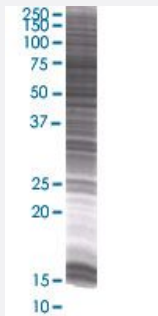


PIAS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008554-T01

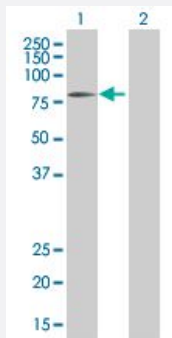
Size 100 uL

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)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PIAS1 antibody ([H00008554-B01](#)) by Western Blots.
SDS-PAGE Gel
PIAS1 transfected lysate.
Western Blot
Lane 1: PIAS1 transfected lysate (71.72 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PIAS1

Entrez GeneID

[8554](#)

GeneBank Accession#

[NM_016166.1](#)

Protein Accession#

[NP_057250.1](#)

Gene Name

PIAS1

Gene Alias

DDXBP1, GBP, GU/RH-II, MGC141878, MGC141879, ZMIZ3

Gene Description

protein inhibitor of activated STAT, 1

Omim ID

[603566](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

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](#)