

# PIAS1 (Human) Cell-Based ELISA Kit

Catalog # KA3561

Size 1 Kit

## Specification

<b>Product Description</b>	PIAS1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of PIAS1 expression in cultured cells.
<b>Suitable Sample</b>	Attached Cell, Loosely Attached Cell, Suspension Cell
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Qualitative
<b>Reactivity</b>	Human, Mouse
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Qualitative

## Gene Info — PIAS1

<b>Entrez GeneID</b>	<a href="#">8554</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>

## 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 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]

## 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](#)