

## Product datasheet for **TA350894S**

### PIAS1 Rabbit Polyclonal Antibody

#### Product data:

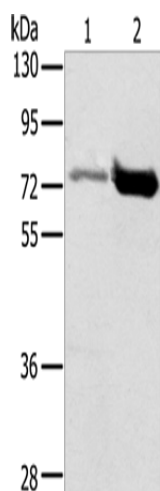
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human testis and human placenta tissue
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PIAS1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	72 kDa
Gene Name:	protein inhibitor of activated STAT 1
Database Link:	<a href="#">NP_057250</a> <a href="#">Entrez Gene 8554 Human</a> <a href="#">O75925</a>
Background:	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.
Synonyms:	DDXBP1; GBP; GU; RH-II; ZMIZ3
Protein Families:	Druggable Genome, Transcription Factors



[View online »](#)

**Protein Pathways:** Jak-STAT signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis

**Product images:**



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: Human testis tissue  
human placenta tissue  
Primary antibody: [TA350894] (PIAS1 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 seconds