

## Product datasheet for **TA347491**

### PIAS3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:3000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PIAS3 Antibody: A synthesized peptide derived from human PIAS3
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	68 kDa
Gene Name:	protein inhibitor of activated STAT 3
Database Link:	<a href="#">NP_006090</a> <a href="#">Entrez Gene 83614 Rat</a> <a href="#">Entrez Gene 229615 Mouse</a> <a href="#">Entrez Gene 10401 Human</a> <a href="#">Q9Y6X2</a>
Background:	PIAS3 Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway and the steroid hormone signaling pathway. The effects of this transcriptional coregulation, transactivation or silencing, may vary depending upon the biological context. Belongs to the PIAS family.
Synonyms:	ZMIZ5



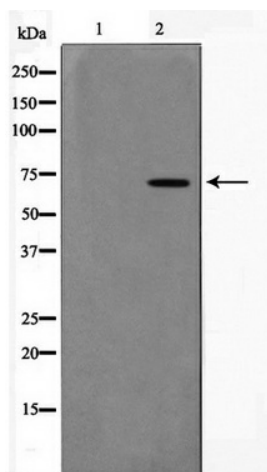
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**Note:** PIAS3 antibody detects endogenous levels of total PIAS3

**Protein Families:** Transcription Factors

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

**Product images:**



Western blot analysis on 293 cell lysate using PIAS3 Antibody