

Product datasheet for **TA331151**

PIAS3 Rabbit Polyclonal Antibody

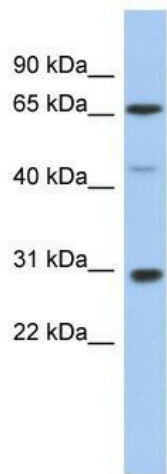
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PIAS3 antibody: synthetic peptide directed towards the middle region of human PIAS3. Synthetic peptide located within the following region: DEIQFMEDGSWCPMKPKKEASEVCPGYPGLDGLQYSPVQGGDPSENKKK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	NP_006090 Entrez Gene 10401 Human Q9Y6X2



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Background:	PIAS3 is a member of the protein inhibitor of activated STAT (PIAS) family. It also activates TGF-beta/SMAD transcriptional responses. This gene encodes a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription)] family of transcriptional modulators. The protein functions as a SUMO (small ubiquitin-like modifier)-E3 ligase which catalyzes the covalent attachment of a SUMO protein to specific target substrates. It directly binds to several transcription factors and either blocks or enhances their activity. Alternatively spliced transcript variants of this gene have been identified, but the full-length nature of some of these variants has not been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Synonyms:	ZMIZ5
Note:	Human: 100%; Dog: 86%; Pig: 86%; Horse: 86%; Guinea pig: 86%; Rat: 79%; Bovine: 79%; Rabbit: 79%
Protein Families:	Transcription Factors
Protein Pathways:	Jak-STAT signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis

Product images:

WB Suggested Anti-PIAS3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human Spleen