

Rabbit PIAS 3 Polyclonal Antibody | anti-PIAS3 antibody

PIAS 3 Polyclonal Antibody

CATALOG # AAA295600	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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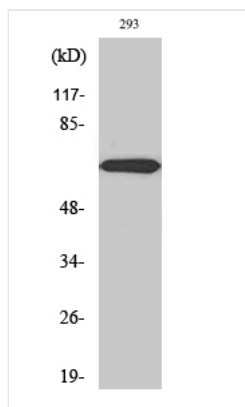
PRODUCT SYNONYMS

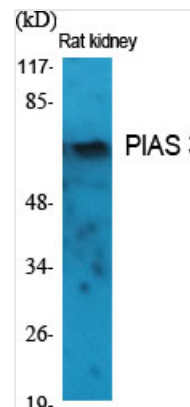
PIAS 3; Polyclonal Antibody; PIAS 3 Polyclonal Antibody; PIAS3; E3 SUMO-protein ligase PIAS3; Protein inhibitor of activated STAT protein 3; anti-PIAS3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-PIAS3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

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ADDITIONAL INFORMATION

Related Product Information for anti-PIAS3 antibody

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. Involved in regulating STAT3 signaling via inhibiting STAT3 DNA-binding and suppressing cell growth. Enhances the sumoylation of MTA1 and may participate in its paralog-selective sumoylation (PubMed:9388184). Sumoylates CCAR2 which promotes its interaction with SIRT1 (PubMed:25406032). Diminishes the sumoylation of ZFHX3 by preventing the colocalization of ZFHX3 with SUMO1 in the nucleus (PubMed:24651376).

NCBI AND UNIPROT INFORMATION

NCBI GI #	115298686
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NCBI GeneID	10401
NCBI Accession #	NP_006090.2
NCBI GenBank Nucleotide #	NM_006099.3
UniProt Accession #	Q9Y6X2; Q9UFI3
Molecular Weight	68,017 Da
NCBI Official Full Name	E3 SUMO-protein ligase PIAS3
NCBI Official Synonym Full Names	protein inhibitor of activated STAT, 3
NCBI Official Symbol	PIAS3
NCBI Official Synonym Symbols	ZMIZ5
NCBI Protein Information	E3 SUMO-protein ligase PIAS3; zinc finger, MIZ-type containing 5; protein inhibitor of activated STAT protein 3
UniProt Protein Name	E3 SUMO-protein ligase PIAS3
UniProt Gene Name	PIAS3
UniProt Entry Name	PIAS3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pias-3-antibody-immunohistochemistry-western-blot-elisa/295600>