

Rabbit PIAS1 Polyclonal Antibody | anti-PIAS1 antibody

PIAS1

CATALOG # AAA36762	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS ELISA, Western Blot
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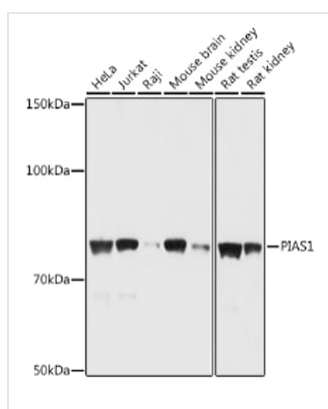
PRODUCT SYNONYMS

PIAS1; Polyclonal Antibody; anti-PIAS1 antibody

PRODUCT SPECIFICATIONS

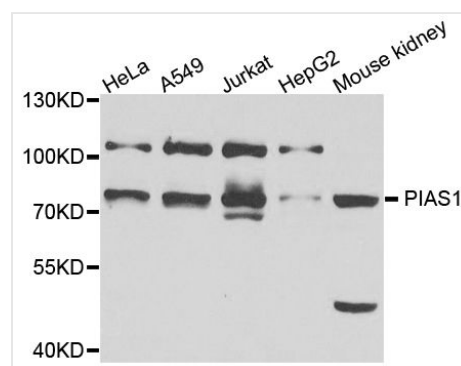
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Sequence Length	651
Applicable Applications for anti-PIAS1 antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human PIAS1 (NP_057250.1)

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PIAS1 antibody (AAA36762) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PIAS1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PIAS1 antibody	This gene encodes a member of the protein inhibitor of activated STAT (PIAS) family. PIAS proteins function as SUMO E3 ligases and play important roles in many cellular processes by mediating the sumoylation of target proteins. This protein plays a central role as a transcriptional coregulator of numerous cellular pathways includign the STAT1 and nuclear factor kappaB pathways. Alternate splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7706637
NCBI GeneID	8554
NCBI Accession #	NP_057250.1
NCBI GenBank Nucleotide #	NM_016166.1
UniProt Accession #	O75925; Q147X4; Q99751; Q9UN02; B2RB67
Molecular Weight	Observed MW: 76 kDa Calculated MW: 72 kDa
NCBI Official Full Name	E3 SUMO-protein ligase PIAS1
NCBI Official Synonym Full Names	protein inhibitor of activated STAT, 1
NCBI Official Symbol	PIAS1
NCBI Official Synonym Symbols	GBP; ZMIZ3; DDXBP1; GU/RH-II
NCBI Protein Information	E3 SUMO-protein ligase PIAS1; gu-binding protein; AR interacting protein; DEAD/H box-binding protein 1; RNA helicase II-binding protein; zinc finger, MIZ-type containing 3; protein inhibitor of activated STAT-1; protein inhibitor of activated STAT protein 1; DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1
UniProt Protein Name	E3 SUMO-protein ligase PIAS1
UniProt Gene Name	PIAS1
UniProt Synonym Gene Names	DDXBP1; GBP
UniProt Entry Name	PIAS1_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://www.aaabiotech.com/polyclonal/pias1-antibody-western-blot-elisa/36762>