

Rabbit PIAS1 Polyclonal Antibody | anti-PIAS1 antibody

PIAS1 antibody - middle region

CATALOG # AAA198457	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human	APPLICATIONS Western Blot
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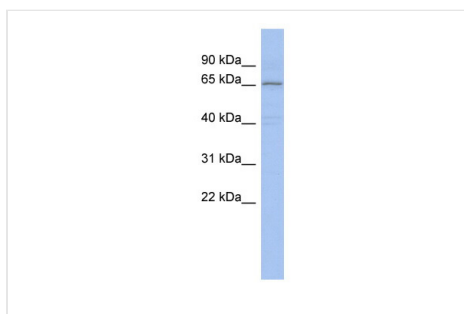
PRODUCT SYNONYMS

PIAS1; Polyclonal Antibody; PIAS1 antibody - middle region; anti-PIAS1 antibody

PRODUCT SPECIFICATIONS

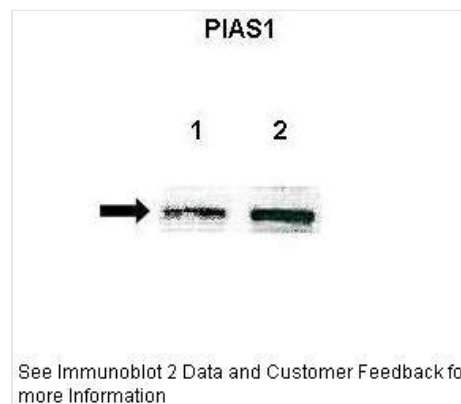
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LP TTNGSSSGSN SSLVSSNSLR ESHSHTVTNR SSTDTASIFG IIPDIISL
Sequence Length	651
Applicable Applications for anti-PIAS1 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 93%; Horse: 79%; Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PIAS1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PIAS1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: COLO205 cell lysate
There is BioGPS gene expression data showing that PIAS1 is expressed in COLO205



WB (Western Blot)

Lanes: Lane 1: Untreated human U251 lysate
Lane 2: IL-1beta treated human U251 lysate
Primary Antibody Dilution: 1:500
Secondary Antibody: Anti-rabbit-HRP
Secondary Antibody Dilution: 1:500
Gene Name: PIAS1
Submitted by: Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-PIAS1 antibody	This is a rabbit polyclonal antibody against PIAS1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PIAS1 is 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 act
Product Categories/Family for anti-PIAS1 antibody	Polyclonal; Transcription Regulation; Lymphocyte Signaling; Transcription Regulation; DNA/RNA/Protein Interactions; JAK-STAT; Hepatitis C; Pathways In Cancer; Sumoylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706637
NCBI GeneID	8554
NCBI Accession #	NP_057250
NCBI GenBank Nucleotide #	NM_016166
UniProt Accession #	O75925
Molecular Weight	72kDa
NCBI Official Full Name	E3 SUMO-protein ligase PIAS1 isoform 2
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
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://stage.aaabiotech.com/polyclonal/pias1-antibody-western-blot-elisa/198457>