

Datasheet for ABIN7150971

anti-PIAS4 antibody (AA 66-241) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PIAS4
Binding Specificity:	AA 66-241
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS4 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human E3 SUMO-protein ligase PIAS4 protein (66-241AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PIAS4
Alternative Name:	PIAS4 (PIAS4 Products)
Background:	Background: 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

Target Details

role as a transcriptional coregulation in various cellular pathways, including the STAT pathway, the p53/TP53 pathway, the Wnt pathway and the steroid hormone signaling pathway. Involved in gene silencing. Mediates sumoylation of CEBPA, PARK7, HERC2, MYB, TCF4 and RNF168. In Wnt signaling, represses LEF1 and enhances TCF4 transcriptional activities through promoting their sumoylations. Enhances the sumoylation of MTA1 and may participate in its paralog-selective sumoylation.

Aliases: E3 SUMO protein ligase PIAS4 antibody, E3 SUMO-protein ligase PIAS4 antibody, FLJ12419 antibody, MGC35296 antibody, PAIASgamma antibody, PIAS 4 antibody, PIAS gamma antibody, PIAS-gamma antibody, Pias4 antibody, PIAS4_HUMAN antibody, PIASG antibody, PIASgamma antibody, PIASy antibody, Protein inhibitor of activated STAT 4 antibody, Protein inhibitor of activated STAT protein 4 antibody, Protein inhibitor of activated STAT protein gamma antibody, Protein inhibitor of activated STAT protein PIASy antibody, Zinc finger MIZ type containing 6 antibody, ZMIZ 6 antibody, ZMIZ6 antibody

UniProt:	Q8N2W9
Pathways:	JAK-STAT Signaling , Interferon-gamma Pathway , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.