

## Datasheet for ABIN7117942 **anti-PIAS4 antibody**



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### Overview

Quantity:	100 µg
Target:	PIAS4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	protein inhibitor of activated STAT, 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	PIAS4
Alternative Name:	PIAS4 ( <a href="#">PIAS4 Products</a> )
Background:	Synonyms:E3 SUMO protein ligase PIAS4, PIAS gamma, PIAS4, Piasg, PIASY, ZMIZ6 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 role as a transcriptional coregulation in various cellular pathways, including the STAT pathway,

## Target Details

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.

Molecular Weight: 60 kDa

Gene ID: 51588

UniProt: [Q8N2W9](#)

Pathways: [JAK-STAT Signaling](#), [Interferon-gamma Pathway](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

## Application Details

Application Notes: WB: 1:500-1:2000, IF: 1:50-1:500

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months