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Datasheet for ABIN7150972  
**anti-PIAS4 antibody (AA 66-241) (FITC)**

### Overview

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

### 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 ( <a href="#">PIAS4 Products</a> )  |
| 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

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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

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UniProt: [Q8N2W9](#)

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

## Application Details

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Restrictions: For Research Use only

## Handling

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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.