

Datasheet for ABIN7150970  
**anti-PIAS4 antibody (AA 66-241)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	PIAS4
Binding Specificity:	AA 66-241
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## 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

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: Recommended dilution: IHC:1:500-1:1000,

Restrictions: For Research Use only

## Handling

Format: Liquid

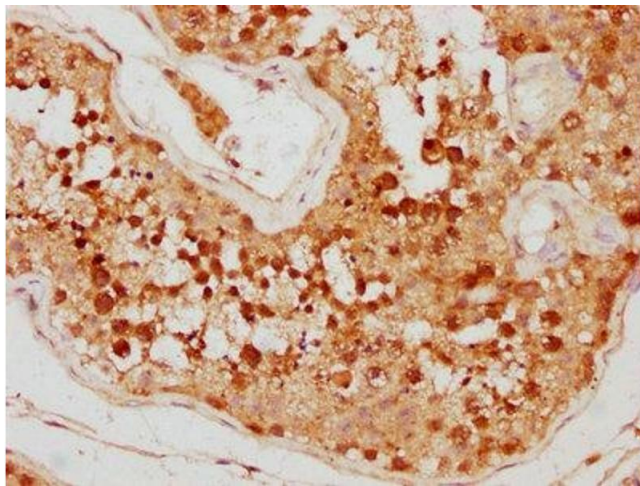
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7150970 diluted at 1:500 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.