

# Anti-PIAS1 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2481**

## Aliases

Protein Inhibitor Of Activated STAT 1; GBP; GU/RH-II; DDXBP1; ZMIZ3; DEAD/H (Asp-Glu-Ala-Asp/His) Box Binding Protein 1; Protein Inhibitor Of Activated STAT Protein 1; Zinc Finger, MIZ-Type Containing 3; E3 SUMO-Protein Transferase PIAS1; RNA Helicase II-Binding Protein; E3 SUMO-Protein Ligase PIAS1; DEAD/H Box-Binding Protein 1; Gu-Binding Protein; AR Interacting Protein; EC 2.3.2.-

## Background

Gene Name: PIAS1

NCBI Gene Entry: [8554](#)

UniProt Entry: [O75925](#)

## Application Information

Molecular Weight: Predicted, 72 kDa; observed, 76 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB1050

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human PIAS1

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

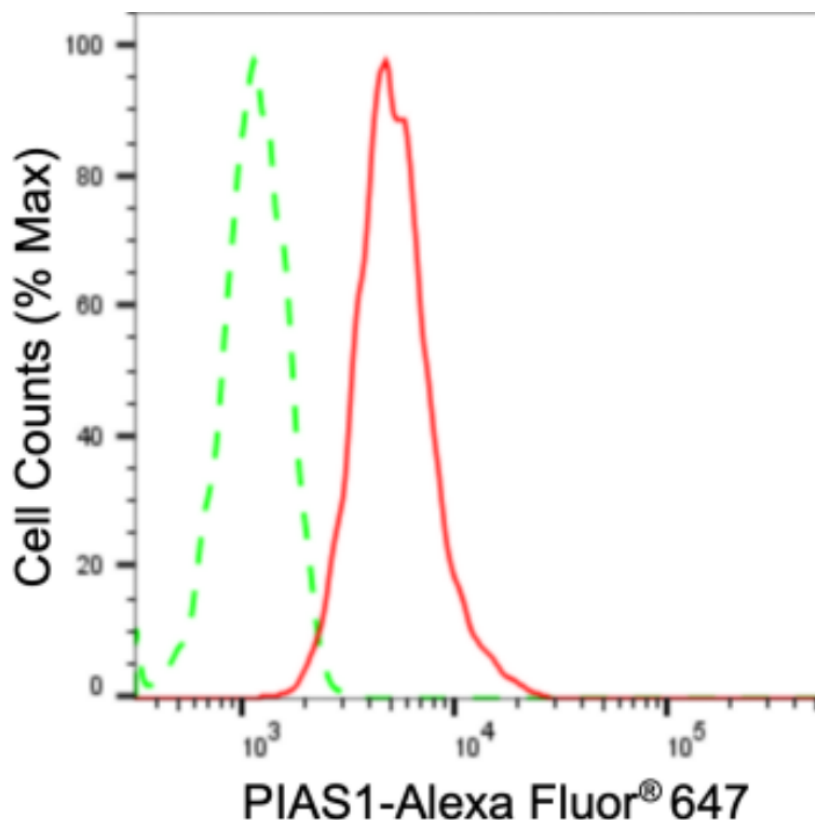
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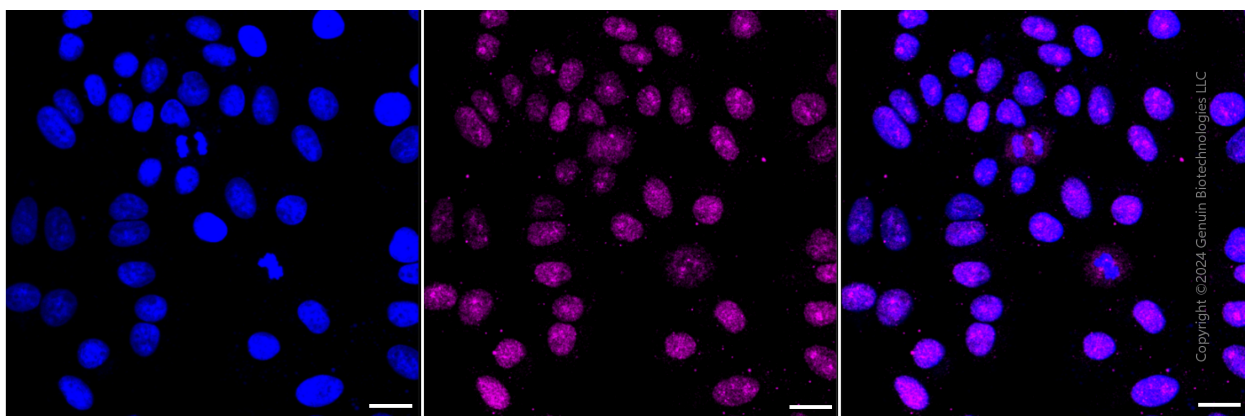
**Note:** This product is for research use only.

## Validation Data



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Flow cytometric analysis of PIAS1 expression in HepG2 cells using anti-PIAS1 antibody (Cat#2481, 1:2,000). Green, isotype control; red, PIAS1.



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Immunocytochemical staining of HepG2 cells with PIAS1 antibody (Cat#2481, 1:1,000). Nuclei were stained blue with DAPI; PIAS1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.

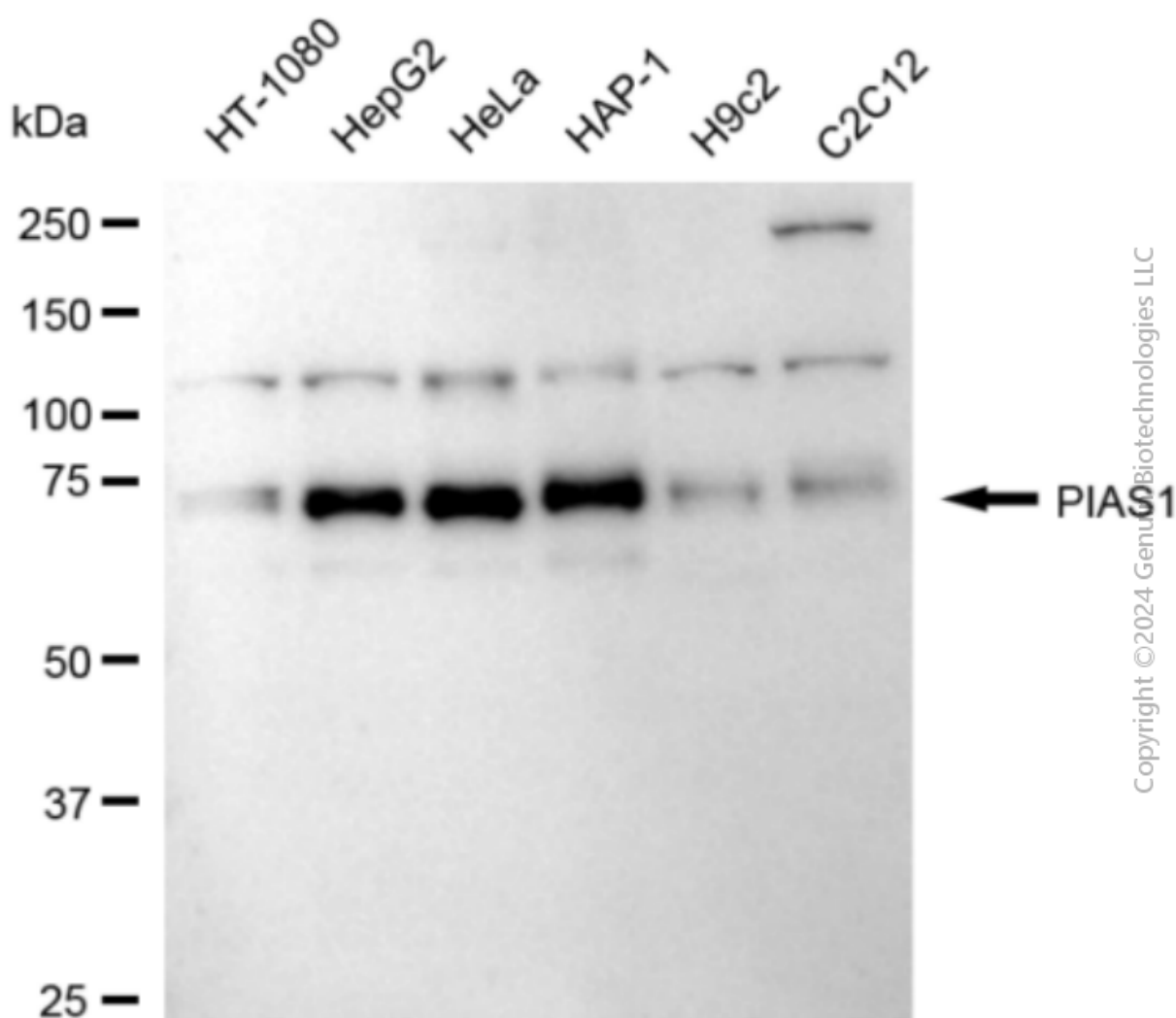
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TEL: +1-540-855-7041

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Western blotting analysis using anti-PIAS1 antibody (Cat#2481). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PIAS1 antibody (Cat#2481, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).