

A1007

Leader in Biomolecular Solutions for Life Science



## PIAS1 Rabbit pAb

Catalog No.: A1007

### Basic Information

#### Observed MW

76kDa

#### Calculated MW

72kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

This gene encodes a member of the protein inhibitor of activated STAT (PIAS) family. PIAS proteins function as SUMO E3 ligases and play important roles in many cellular processes by mediating the sumoylation of target proteins. This protein plays a central role as a transcriptional coregulator of numerous cellular pathways including the STAT1 and nuclear factor kappaB pathways. Alternate splicing results in multiple transcript variants.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

8554

#### Swiss Prot

O75925

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human PIAS1 (NP\_057250.1).

#### Synonyms

GBP; ZMIZ3; DDXBP1; GU/RH-II; PIAS1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

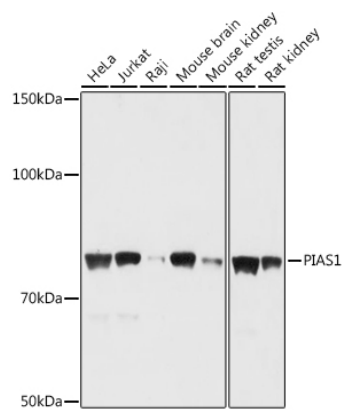
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using PIAS1 antibody (A1007) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.