

A1007

Leader in Biomolecular Solutions for Life Science



PIAS1 Rabbit pAb

Catalog No.: A1007

Basic Information

Observed MW

76kDa

Calculated MW

72kDa

Category

Polyclonal 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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

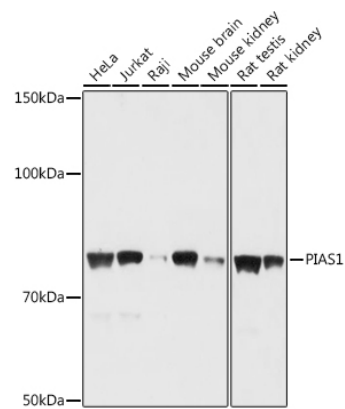
Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using PIAS1 Rabbit pAb (A1007) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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.