

# PIAS2 Rabbit mAb

Catalog No.: A5203

Recombinant

1 Publications

## Basic Information

**Observed MW**

68kDa

**Calculated MW**

45kDa/63kDa/68kDa

**Category**

Primary antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Mouse, Rat

**CloneNo number**

ARC1256

## Background

This gene encodes a member of the protein inhibitor of activated STAT family, which function as SUMO E3 ligases and play important roles in many cellular processes by mediating the sumoylation of target proteins. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Isoforms of the encoded protein enhance the sumoylation of specific target proteins including the p53 tumor suppressor protein, c-Jun, and the androgen receptor. A pseudogene of this gene is located on the short arm of chromosome 4. The symbol MIZ1 has also been associated with ZBTB17 which is a different gene located on chromosome 1.

## 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**

9063

**Swiss Prot**

O75928

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

DIP; MIZ1; SIZ2; ARIP3; PIASX; ZMIZ4; PIAS2

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

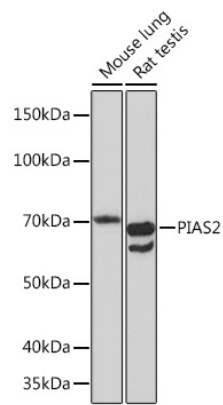
Affinity purification

**Storage**

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of various lysates using PIAS2 Rabbit mAb (A5203) 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: 3min.