

PIAS2 Rabbit mAb

Catalog No.: A5203 **Recombinant** **1 Publications**

Basic Information

Observed MW

68kDa

Calculated MW

45kDa/6368kDa/68kDa

Category

Primary antibody

Applications

ELISA, WB

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

Immunogen Information

Gene ID

9063

Swiss Prot

O75928

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 50-150 of human PIAS2 (NP_004662.2).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

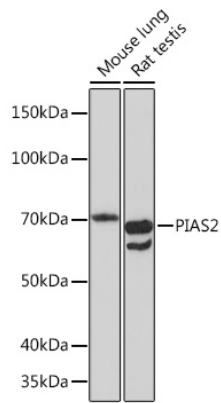
Affinity purification

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 extracts of various cell lines, using PIAS2 Rabbit mAb (A5203) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3min.