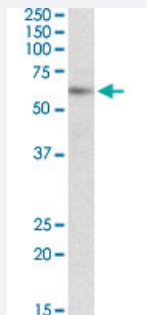


# PIAS2 polyclonal antibody

Catalog # PAB18594

Size 100 ug

## Applications



### Western Blot (Cell lysate)

PIAS2 polyclonal antibody (Cat # PAB18594) (1 ug/mL) staining of human peripheral lymphocytes lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of PIAS2.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 185-196 at internal region of human PIAS2.
<b>Sequence</b>	PQQVREICISRD
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	60
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_775298.1; NP_004662.2).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:16000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — PIAS2

Entrez GeneID	<a href="#">9063</a>
Protein Accession#	<a href="#">NP_775298.1;NP_004662.2</a>
Gene Name	PIAS2
Gene Alias	MGC102682, MIZ1, PIASX, PIASX-ALPHA, PIASX-BETA, SIZ2, ZMIZ4, miz
Gene Description	protein inhibitor of activated STAT, 2
Omim ID	<a href="#">603567</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a protein involved in the regulation of transcription factors involved in MAP kinase signaling. The symbol MIZ1 has also been associated with ZBTB17 which is a different gene located on chromosome 1. Two alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq]
Other Designations	Msx-interacting-zinc finger protein inhibitor of activated STAT X zinc finger, MIZ-type containing 4

## Pathway

- [Jak-STAT signaling pathway](#)

- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)