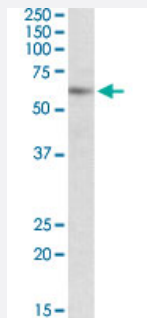


PIAS2 polyclonal antibody

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

Product Description	Goat polyclonal antibody raised against synthetic peptide of PIAS2.
Immunogen	A synthetic peptide corresponding to amino acids 185-196 at internal region of human PIAS2.
Sequence	PQQVREICISRD
Host	Goat
Theoretical MW (kDa)	60
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_775298.1; NP_004662.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	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.

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.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PIAS2

Entrez GeneID	9063
Protein Accession#	NP_775298.1;NP_004662.2
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	603567
Gene Ontology	Hyperlink
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](#)