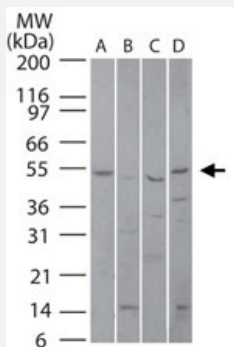


PIAS4 polyclonal antibody

Catalog # PAB0167 Size 100 ug

Applications



Western Blot

Western blot analysis of PIAS4 in (A) human liver, (B) mouse liver, (C) rat liver and (D) human Jurkat lysate using PIAS4 polyclonal antibody (Cat # PAB0167) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PIAS4.
Immunogen	A mixture of synthetic peptides corresponding to amino acids 46-60 and 187-198 of human PIAS4.
Sequence	KKIKELYETRYAKKNC, YSDTSCPQEDQY
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

Western blot analysis of PIAS4 in (A) human liver, (B) mouse liver, (C) rat liver and (D) human Jurkat lysate using PIAS4 polyclonal antibody (Cat # PAB0167) at 5 ug/mL .

- Immunocytochemistry

- Immunofluorescence

Gene Info — PIAS4

Entrez GeneID [51588](#)

Gene Name PIAS4

Gene Alias FLJ12419, MGC35296, PIASY, Piasg, ZMIZ6

Gene Description protein inhibitor of activated STAT, 4

Omim ID [605989](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations protein inhibitor of activated STAT protein PIASy/zinc finger, MIZ-type containing 6

Publication Reference

- [MUC1 expression is repressed by protein inhibitor of activated signal transducer and activator of transcription- \$\gamma\$.](#)

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Molecular Endocrinology 2007 Aug; 21(11):2725.

- [SUMO-1 modification of PIASy, an E3 ligase, is necessary for PIASy-dependent activation of Tcf-4.](#)

Ihara M, Yamamoto H, Kikuchi A.

Molecular and Cellular Biology 2005 May; 25(9):3506.

- [Convergence of interferon-gamma and progesterone signaling pathways in human endometrium: role of PIASy \(protein inhibitor of activated signal transducer and activator of transcription-y\).](#)

Zoumpoulidou G, Jones MC, Fernandez de Mattos S, Francis JM, Fusi L, Lee YS, Christian M, Varshochi R, Lam EW, Brosens JJ.

Molecular Endocrinology 2004 May; 18(8):1988.

Pathway

- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)