Datasheet for ABIN537320

anti-PIAS4 antibody (AA 46-60)

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Overview

Quantity:	100 µg
Target:	PIAS4
Binding Specificity:	AA 46-60
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	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:	KKIKELYETR YAKKNC, YSDTSCPQED QY
Cross-Reactivity:	Human

Target Details

Target:	PIAS4
Alternative Name:	PIAS4 (PIAS4 Products)
Gene ID:	51588

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Target Details

Pathways:	JAK-STAT Signaling, Interferon-gamma Pathway, Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.05 % BSA, 0.05 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Brayman, Dharmaraj, Lagow, Carson: "MUC1 expression is repressed by protein inhibitor of activated signal transducer and activator of transcription-y." in: **Molecular endocrinology (Baltimore, Md.)**, Vol. 21, Issue 11, pp. 2725-37, (2007) (PubMed). Ihara, Yamamoto, Kikuchi: "SUMO-1 modification of PIASy, an E3 ligase, is necessary for PIASy-dependent activation of Tcf-4." in: **Molecular and cellular biology**, Vol. 25, Issue 9, pp. 3506-18, (2005) (PubMed). Zoumpoulidou, Jones, Fernandez de Mattos, Francis, Fusi, Lee, Christian, Varshochi, Lam, Brosens: "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)." in: **Molecular endocrinology (Baltimore, Md.)**, Vol. 18, Issue 8, pp. 1988-99, (2004) (PubMed).

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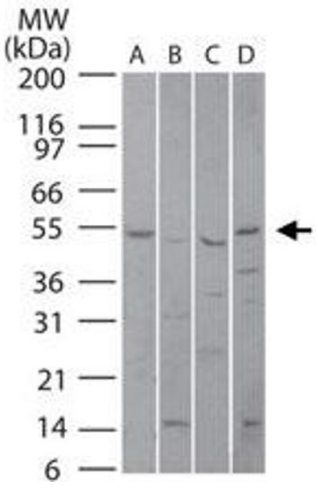

Western Blotting

Image 1. Western blot analysis of PIAS4 in (A) human liver, (B) mouse liver, (C) rat liver and (D) human Jurkat lysate using PIAS4 polyclonal antibody at 5 ug/mL .

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