

Datasheet for ABIN6991333 **anti-PIAS2 antibody (N-Term)**

[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	PIAS2
Binding Specificity:	AA 110-160, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	PIAS2 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human PIAS2. The immunogen is located within amino acids 110 - 160 of PIAS2.
Isotype:	IgG
Purification:	PIAS2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PIAS2
Alternative Name:	PIAS2 (PIAS2 Products)
Background:	PIAS2 Antibody: The PIAS (protein inhibitor of activated STAT) proteins play a crucial role as transcriptional coregulators in various cellular pathways, including the STAT, p53 and the

Target Details

steroid hormone signaling pathway. The PIAS protein family includes at least five evolutionarily conserved genes, including PIAS2. The major function of the PIAS proteins is the control of gene transcription and can also act as small ubiquitin-like-modifier (SUMO) E3 ligases. PIAS2 binds specifically to STAT4 following IL-12 stimulation and inhibits STAT4-mediated gene activation in human T cells. PIAS2 is a potent transcriptional activator of Bcl-2, but together with Bcl-6 can suppress the expression of Bcl-2.

Gene ID: 9063

UniProt: [O75928](#)

Pathways: [JAK-STAT Signaling](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

Application Details

Application Notes: PIAS2 antibody can be used for detection of PIAS2 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PIAS2 Antibody is supplied in PBS containing 0.02 % 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: -20 °C, 4 °C

Storage Comment: PIAS2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.