

Datasheet for ABIN356770
anti-PIAS4 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	PIAS4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human PIASy1.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to PIASy (N-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	PIAS4
Alternative Name:	PIAS4 (PIAS4 Products)

Target Details

Background: PIASy1 functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. This protein plays a crucial role in transcriptional coregulation of various cellular pathways, including the STAT pathway, the p53 pathway, the wnt pathway and the steroid hormone signaling pathway. PIASy1 is involved in gene silencing, and promotes PARK7 sumoylation. Synonyms: E3 SUMO-protein ligase PIAS4, PIAS-gamma, PIASG, PIASy, Protein inhibitor of activated STAT protein 4, Protein inhibitor of activated STAT protein gamma

Gene ID: 51588, 9606

UniProt: [Q8N2W9](#)

Pathways: [JAK-STAT Signaling](#), [Interferon-gamma Pathway](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Reported to work in Immunoprecipitation (See Ref.1).
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

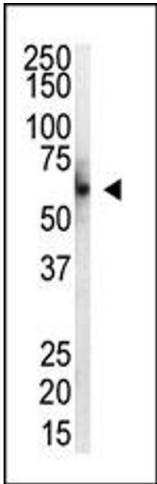


Image 1.

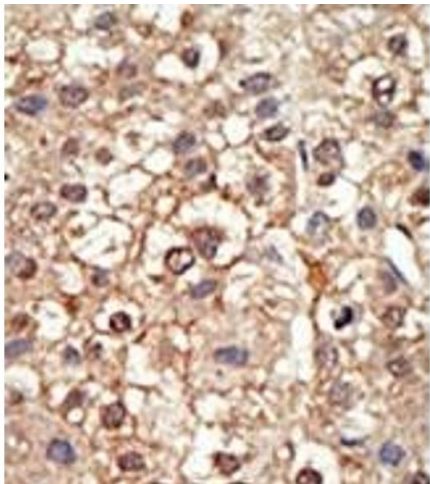


Image 2.