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Datasheet for ABIN7301120
anti-PIAS4 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	PIAS4
Binding Specificity:	C-Term
Reactivity:	Human, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PIAS4.
Specificity:	Recognizes endogenous levels of PIAS4 protein.
Characteristics:	Rabbit polyclonal antibody to PIAS4
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PIAS4
Alternative Name:	PIAS4 (PIAS4 Products)
Background:	PIASG, E3 SUMO-protein ligase PIAS4, PIASy, Protein inhibitor of activated STAT protein 4,

Target Details

Protein inhibitor of activated STAT protein gamma, PIAS-gamma

Gene ID: 51588

UniProt: [Q8N2W9](#)

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

Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

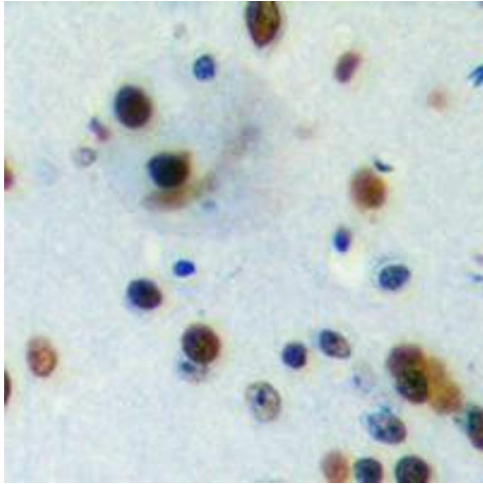
Preservative: Sodium azide

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

Storage: -20 °C

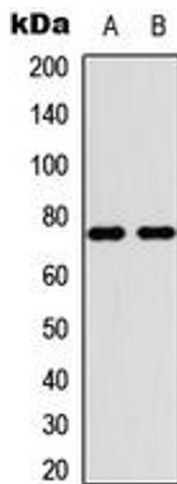
Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Immunohistochemical analysis of PIAS4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of PIAS4 expression in HepG2 (A), HeLa (B) whole cell lysates.