

Datasheet for ABIN2777574
anti-PIAS3 antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PIAS3
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Pig, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PIAS3
Sequence:	TSLDEQDALG HFFQYRGTPS HFLGPLAPTL GSSHCSATPA PPPGRVSSIV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PIAS3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	PIAS3
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Target Details

Alternative Name:	PIAS3 (PIAS3 Products)
Background:	<p>PIAS3 is a member of the protein inhibitor of activated STAT (PIAS) family. It also activates TGF-beta/SMAD transcriptional responses.</p> <p>Alias Symbols: ZMIZ5</p> <p>Protein Interaction Partner: UBC, HIC1, TRIM63, TRIM55, TAB2, SUMO1, CBS, SUMO2, SUMO3, STAT3, NCOA2, CREM, PRPF40A, SERPINA10, GEMIN4, UBE2I, SKIL, HNRNPK, ZFHX3, SERBP1, SATB1, ERBB4, Bcl11a, ELAVL1, PPP1CA, Grm7, Grm8, Grm6, Grm4, TRIM8, RAC1, C19orf60, CARHSP1, UBA1, PSMC1, TRIM2</p> <p>Protein Size: 619</p>
Molecular Weight:	67 kDa
Gene ID:	10401
NCBI Accession:	NM_006099 , NP_006090
UniProt:	Q9Y6X2
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 619 AA
Restrictions:	For Research Use only

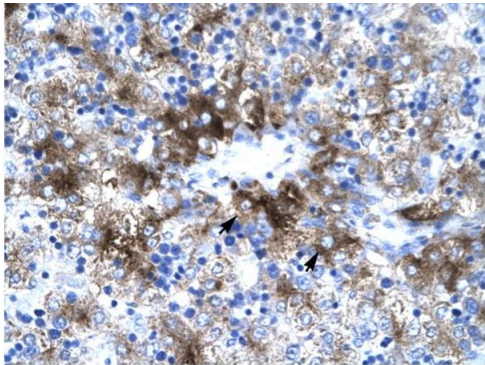
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-PIAS3 Antibody
Catalog Number: ARP32762
Lot Number: QC2196
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Hepatocytes (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 1. Human Liver



Western Blotting

Image 2. WB Suggested Anti-PIAS3 Antibody Titration: 1.0-2.0ug/ml Positive Control: HepG2 cell lysate