

Datasheet for ABIN522503  
**anti-PIAS2 antibody (AA 1-572)**



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3 Images

Overview

Quantity:	100 µg
Target:	PIAS2
Binding Specificity:	AA 1-572
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS2 antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human PIAS2 protein.
Immunogen:	PIAS2 (NP_775298.1, 1 a.a. ~ 572 a.a) full-length human protein.
Sequence:	MADFEELRNM VSSFRVSELQ VLLGFAGRNK SGRKHDLLMR ALHLLKSGCS PAVQIKIREL YRRRYPRITL GLSDLSTIKS SVFSLDGGSS PVEPDLAVAG IHSLPSTSVT PHSPSSPVGS VLLQDTKPTF EMQQPSPPIP PVHPDVQLKN LPFYDVLVDL IKPTSLVQSS IQRFAQEKKFI FALTPQQVRE ICISRDFLPG GRRDYTVQVQ LRLCLAETSC PQEDNYPNSL CIKVNGLKLP LPGYAPPPKN GIEQKRPRGR LNITSLVRLS SAVPNQISIS WASEIGKNYS MSVYLVRQLT SAMLLQRLKM KGIRNPDHSR ALIKEKLTAD PDSEIATTSL RVSLMCPLGK MRLTIPCRAV TCTHLQCFDA ALYLQMNEKK PTWICPVCDK KAAYESLILD GLFMEILNDC SDVDEIKFQE DGSWCMPMRPK KEAMKVSSQP CTKIESSSVL SKPCSVTVAS EASKKKVDVI DLTIESSSDE EEDPPAKRKC IFMSETQSSP TKGVLMYQPS SVRVPSVTSV DPAAIPPSLT DYSVPFHHTP ISSMSSDLPG EQRRNDINNE LKLGTSSTV QQ

## Product Details

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Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

## Target Details

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Target:	PIAS2
Alternative Name:	PIAS2 ( <a href="#">PIAS2 Products</a> )
Background:	Full Gene Name: protein inhibitor of activated STAT, 2 Synonyms: MGC102682,MIZ1,PIASX,PIASX-ALPHA,PIASX-BETA,SIZ2,ZMIZ4,miz
Gene ID:	9063
NCBI Accession:	<a href="#">NM_173206</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a>

## Application Details

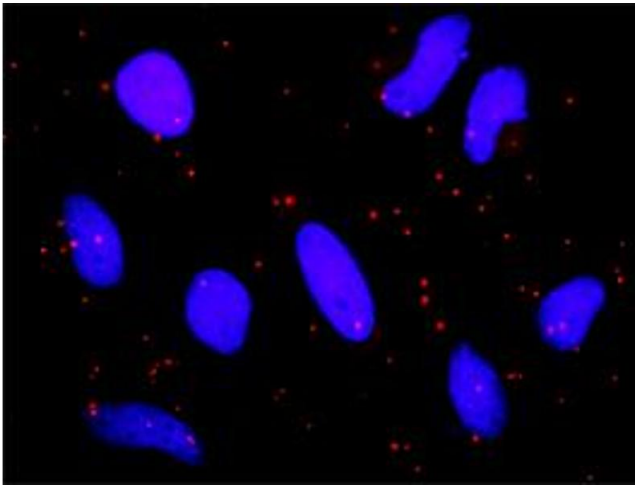
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

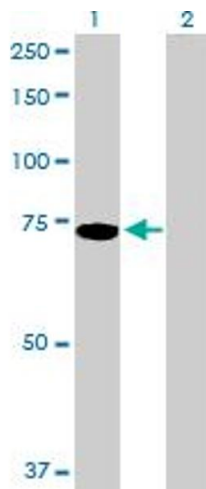
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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



### Proximity Ligation Assay

**Image 1.** Proximity Ligation Analysis of protein-protein interactions between PIAS2 and CDKN2B. HeLa cells were stained with anti-PIAS2 rabbit purified polyclonal 1:1200 and anti-CDKN2B mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

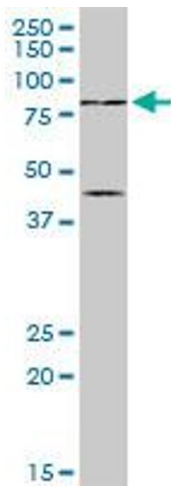


### Western Blotting

**Image 2.** Western Blot analysis of PIAS2 expression in transfected 293T cell line by PIAS2 MaxPab polyclonal antibody.

Lane 1: PIAS2 transfected lysate(63.40 KDa).

Lane 2: Non-transfected lysate.



### Western Blotting

**Image 3.** PIAS2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PIAS2 expression in human pancreas.