

Datasheet for ABIN190909  
**anti-PIAS2 antibody (Internal Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	PIAS2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PIAS2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	PIAS2
Immunogen:	Peptide with sequence KEAMKVSSQPCTKIE, from the internal region of the protein sequence according to NP_775298.1, NP_004662.2.
Sequence:	KEAMKVSSQP CTKIE
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_775298.1 and NP_004662.2). No cross-reactivity expected with PIAS1, 3 and 4.
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: PIAS2

Alternative Name: PIAS2 ([PIAS2 Products](#))

Background: PIAS2, protein inhibitor of activated STAT, 2 , MGC102682, MIZ1, PIASX-ALPHA, PIASX-BETA, SIZ2, miz , Msx-interacting-zinc finger, protein inhibitor of activated STAT X, ARIP3

Gene ID: 9063, 17344

NCBI Accession: [NP\\_775298](#), [NP\\_004662](#)

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

## Application Details

Application Notes: Immunohistochemistry: In paraffin embedded Human Testis shows nuclear and extra-nuclear staining in spermatids. Recommended concentration, 3-5 µg/mL.  
Western Blot: Preliminary experiments gave an approx 90 kDa band in lysates of cell line A431 after 0.5 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of  
Peptide ELISA: antibody detection limit dilution 1:8000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

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

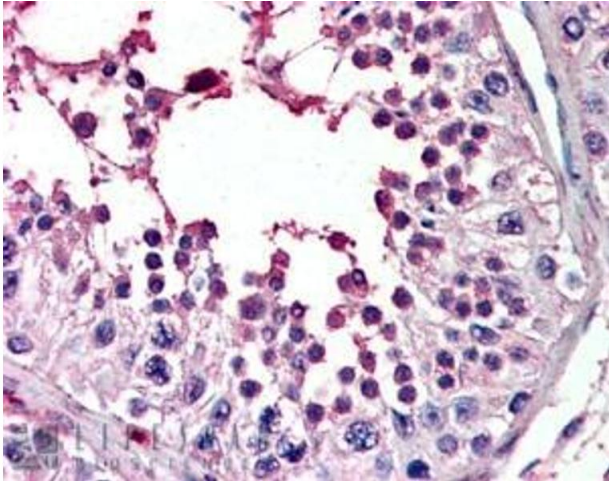
Handling Advice: Minimize freezing and thawing.

## Handling

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Images



### Immunohistochemistry

**Image 1.** ABIN190909 (3.8µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.