

## ARG64201 anti-PIAS2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes PIAS2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	IHC-P
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.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PIAS2
Species	Human
Immunogen	KEAMKVSSQPCTKIE
Conjugation	Un-conjugated
Alternate Names	Miz1; Protein inhibitor of activated STAT x; Protein inhibitor of activated STAT2; MIZ1; EC 6.3.2.-; PIASX-ALPHA; SIZ2; PIASX-BETA; ARIP3; DAB2-interacting protein; E3 SUMO-protein ligase PIAS2; MIZ; Androgen receptor-interacting protein 3; PIAS-NY protein; PIASX; DIP; Msx-interacting zinc finger protein; ZMIZ4

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

---

**Database links** [GeneID: 9063 Human](#)

[Swiss-port # O75928 Human](#)

**Background** This gene encodes a member of the protein inhibitor of activated STAT (PIAS) family. PIAS proteins function as SUMO E3 ligases and play important roles in many cellular processes by mediating the sumoylation of target proteins. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Isoforms of the encoded protein enhance the sumoylation of specific target proteins including the p53 tumor suppressor protein, c-Jun, and the androgen receptor. A pseudogene of this gene is located on the short arm of chromosome 4. The symbol MIZ1 has also been associated with ZBTB17 which is a different gene located on chromosome 1. [provided by RefSeq, Aug 2011]

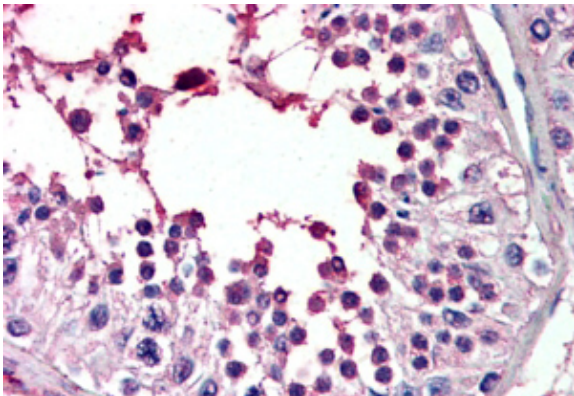
**Research Area** Cell Biology and Cellular Response antibody; Gene Regulation antibody

**Calculated Mw** 68 kDa

**PTM** Sumoylated.

## Images

---



ARG64201 anti-PIAS2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Testis. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64201 anti-PIAS2 antibody at 3.8 µg/ml dilution followed by AP-staining.