

## Rabbit PIAS3 Polyclonal Antibody | anti-PIAS3 antibody

PIAS3 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA306798 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

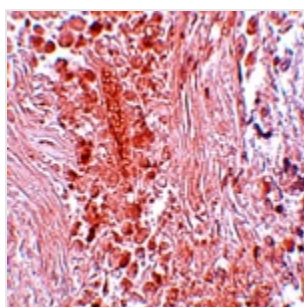
### PRODUCT SYNONYMS

PIAS3; Polyclonal Antibody; PIAS3 Antibody; Protein inhibitor of activated STAT protein 3; ZMIZ5; anti-PIAS3 antibody

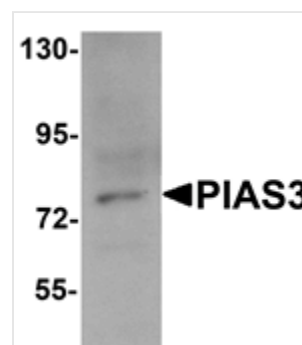
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                 |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                             | Affinity chromatography purified via peptide column                                                                                                                                                    |
| Form/Format                                     | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Sequence Length                                 | 628                                                                                                                                                                                                    |
| Applicable Applications for anti-PIAS3 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                   |
| Immunogen Type                                  | Peptide                                                                                                                                                                                                |
| Immunogen Description                           | Raised against a 12 amino acid peptide near the carboxy terminus of human PIAS3.                                                                                                                       |
| Target Name                                     | PIAS3                                                                                                                                                                                                  |
| Preparation and Storage                         | Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of PIAS3 in human breast carcinoma tissue with PIAS3 antibody at 5 ug/mL.


**WB (Western Blot)**

Western blot analysis of PIAS3 in K562 cell lysate with PIAS3 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PIAS3 antibody | The PIAS (protein inhibitor of activated STAT) proteins play a crucial role as transcriptional coregulators in various cellular pathways, including the STAT, p53 and the steroid hormone signaling pathway. The PIAS protein family includes at least five evolutionarily conserved genes, including PIAS3. The major function of the PIAS proteins is the control of gene transcription and can also act as small ubiquitin-like-modifier (SUMO) E3 ligases. PIAS3 binds specifically to STAT3 following the stimulation of STAT3. Increased expression of PIAS3 has been observed in several human cancers, including lung, breast, and brain tumors, but not in anaplastic lymphoma kinase-positive T/null-cell lymphomas, indicating that PIAS3 plays multiple roles in different tissue and cell types. |
| Product Categories/Family for anti-PIAS3 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 115298686                              |
| NCBI GeneID                      | 10401                                  |
| NCBI Accession #                 | NP_006090                              |
| NCBI GenBank Nucleotide #        | NM_006099.3                            |
| Molecular Weight                 | 68,017 Da                              |
| NCBI Official Full Name          | E3 SUMO-protein ligase PIAS3           |
| NCBI Official Synonym Full Names | protein inhibitor of activated STAT, 3 |
| NCBI Official Symbol             | PIAS3                                  |
| NCBI Official Synonym Symbols    | ZMIZ5                                  |
| NCBI Protein Information         | E3 SUMO-protein ligase PIAS3           |
| UniProt Protein Name             | E3 SUMO-protein ligase PIAS3           |
| UniProt Gene Name                | PIAS3                                  |
| UniProt Entry Name               | PIAS3_HUMAN                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pias3-antibody-immunohistochemistry-western-blot-elisa/306798>