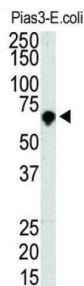
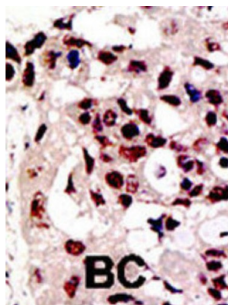


## Protein Inhibitor of Activated STAT3 (PIAS3) Antibody

Catalogue No.: abx026820



PIAS3 is a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription) ] family of transcriptional modulators. The protein functions as a SUMO (small ubiquitin-like modifier) E3 ligase stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor, catalyzing the covalent attachment of a SUMO protein to specific target substrates. PIAS3 plays a crucial role as a transcriptional coregulator in various cellular pathways, including the STAT pathway and the steroid hormone signaling pathway. The effects of this transcriptional coregulation, transactivation or silencing, may vary depending upon the biological context.

**Target:** Protein Inhibitor of Activated STAT3 (PIAS3)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 588-619 amino acids of human PIAS3.

**Isotype:** IgG

# Datasheet

Version: 4.0.0  
Revision date: 01 Nov 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form:</b>               | Liquid                                                                                                                                     |
| <b>Purification:</b>       | Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.    |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>UniProt Primary AC:</b> | Q9Y6X2 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>NCBI Accession:</b>     | NP_006090.2                                                                                                                                |
| <b>String:</b>             | <a href="#">9606.ENSP00000376765</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Calculated MW: 68 kDa                                                                                                                      |
| <b>Buffer:</b>             | PBS containing 0.09% sodium azide.                                                                                                         |
| <b>Specificity:</b>        | Predicted to react with Mouse and Rat PIAS3.                                                                                               |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |

For Reference Only