

## Anti-E3 SUMO-protein ligase PIAS3 PIAS3 Antibody

Catalog Number: A02807

### About PIAS3

Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway and the steroid hormone signaling pathway. Involved in regulating STAT3 signaling via inhibiting STAT3 DNA-binding and suppressing cell growth.

Jiang-Hong Man, Nucleic Acids Res., Nov 2006; 34: 5552 - 5566.

Amir Sonnenblick, Mol. Cell. Biol., Dec 2004; 24: 10584 - 10592.

Jianyin Long, PNAS, Jan 2004; 101: 99.

Hyun Duk Jang, J. Biol. Chem., Jun 2004; 279: 24873 - 24880.

### Overview

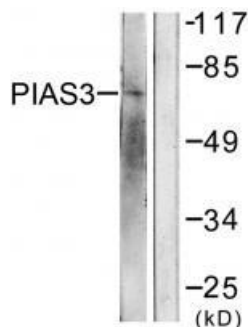
Product Name	Anti-E3 SUMO-protein ligase PIAS3 PIAS3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-E3 SUMO-protein ligase PIAS3 PIAS3 Antibody (Catalog # A02807). Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y6X2

### Technical Details

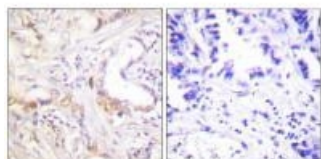
Immunogen	Synthesized peptide derived from Internal of human PIAS3.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p> <p>Immunohistochemistry: 1:50~1:100</p>

## Anti-E3 SUMO-protein ligase PIAS3 PIAS3 Antibody (A02807) Images



Western blot analysis of extracts from 293 cells, treated with UV (5mins), using PIAS3 antibody A02807.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using PIAS3 antibody A02807.

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