

PIAS 3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07157
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PIAS3. AA range:10-59
Mol wt	68017
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	PIAS 3 Antibody
Synonyms	PIAS3; E3 SUMO-protein ligase PIAS3; Protein inhibitor of activated STAT protein 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PIAS3 encodes a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription)] family of transcriptional modulators. Protein inhibitor of activated STAT 3 functions as a SUMO (small ubiquitin-like modifier)-E3 ligase which catalyzes the covalent attachment of a SUMO protein to specific target substrates. It directly binds to several transcription factors and either blocks or enhances their activity. Alternatively spliced transcript variants of PIAS3 have been identified, but the full-length nature of some of these variants has not been determined.

Recommended Dilution

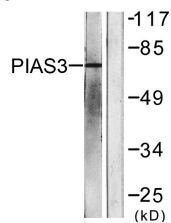
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

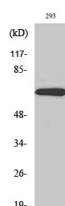
ELISA: 1: 10000

Not yet tested in other applications.

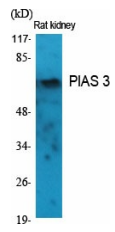
Images



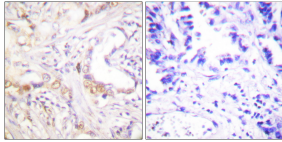
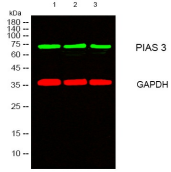
Western blot analysis of lysates from 293 cells, treated with UV 5', using PIAS3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 293 cells using PIAS 3 Polyclonal Antibody diluted at 1:2000 cells nucleus.



Western Blot analysis of various cells using PIAS 3 Polyclonal Antibody diluted at 1:2000 cells nucleus.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using PIAS3 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com