

For Research Use Only

PIAS1 Polyclonal antibody

Catalog Number: 23395-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

23395-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 493 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18132

GenBank Accession Number:

BC121797

GeneID (NCBI):

8554

UNIPROT ID:

O75925

Full Name:

protein inhibitor of activated STAT, 1

Calculated MW:

651 aa, 72 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:200-1:800

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF, colP

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HepG2 cells, HEK-293 cells, HeLa cells, Jurkat cells

IP : HepG2 cells,

IHC : mouse testis tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Tao Zhang	36050397	Nat Commun	WB
Junrong Wu	32937690	J Hazard Mater	WB,colP
Yuzhen Xiao	33751900	DNA Cell Biol	IHC, WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

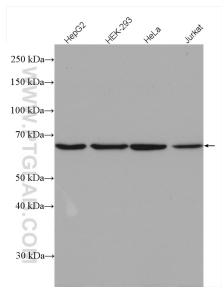
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

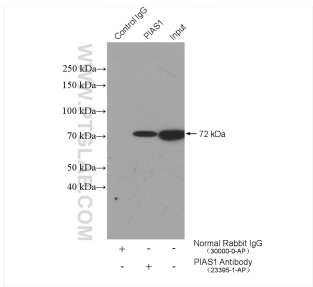
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

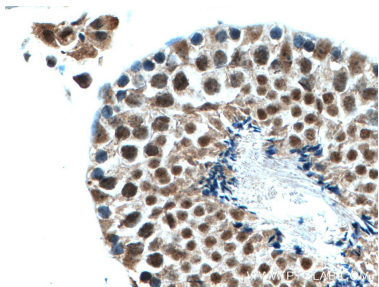
Selected Validation Data



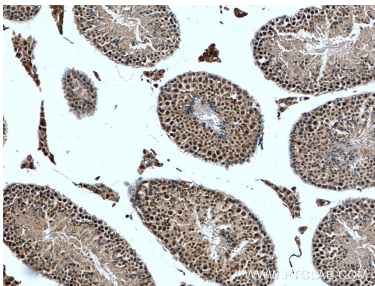
Various lysates were subjected to SDS PAGE followed by western blot with 23395-1-AP (PIAS1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-PIAS1 (IP:23395-1-AP, 4ug; Detection:23395-1-AP 1:500) with HepG2 cells lysate 2520 ug.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 23395-1-AP (PIAS1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 23395-1-AP (PIAS1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).