

For Research Use Only

PIAS1 Polyclonal antibody

Catalog Number: 23395-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

23395-1-AP

Size:

150ul, Concentration: 800 µg/ml by Nanodrop and 493 µg/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, IF, IHC, coIP

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

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,coIP
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

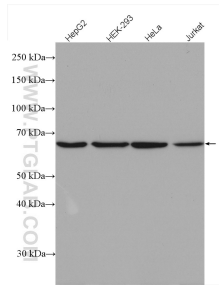
For technical support and original validation data for this product please contact:

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

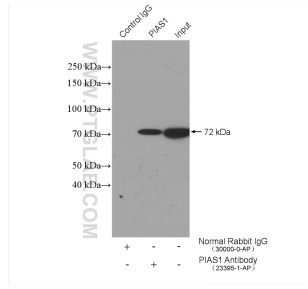
E: proteintech@ptglab.com
W: ptglab.com

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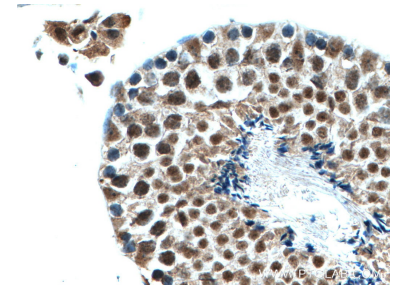
Selected Validation Data



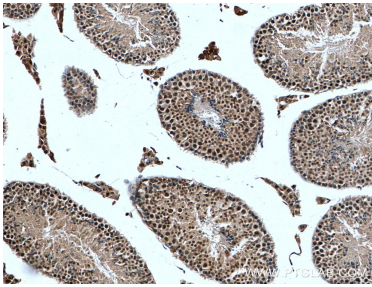
Various lysates were subjected to SDS PAGE followed by western blot with 23395-1-AP (PIAS1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).