

For Research Use Only

PIAS1 Polyclonal antibody

Catalog Number: 23395-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

23395-1-AP

Concentration:

800 ug/ml

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 1:1000-1:6000

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, IHC, IP, 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, Jurkat cells, LO2 cells, J774A.1 cells, RAW 264.7 cells

IP : HepG2 cells,

IHC : mouse testis tissue,

Background Information

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	WB,IHC

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

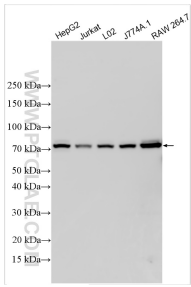
T: 4006900926

E: Proteintech-CN@ptglab.com

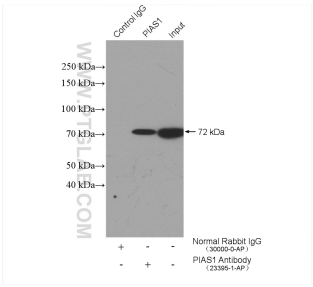
W: ptgcn.com

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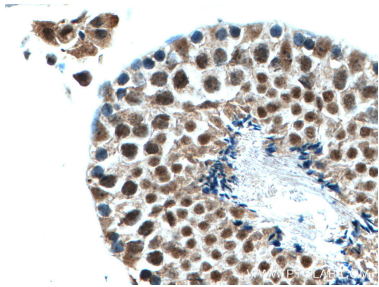
Selected Validation Data



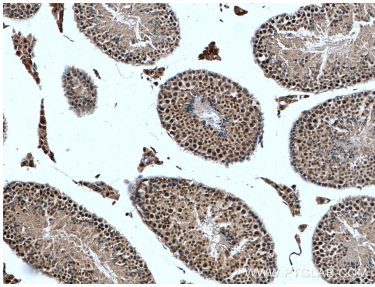
Various lysates were subjected to SDS PAGE followed by western blot with 23395-1-AP (PIAS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).