

For Research Use Only

PIAS1 Recombinant antibody

Catalog Number: 82873-2-RR



Basic Information

| | | |
|---|---|--|
| Catalog Number: 82873-2-RR | GenBank Accession Number: BC121797 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 8554 | CloneNo.: 1C22 |
| Source: Rabbit | UNIPROT ID: O75925 | Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000 IF/ICC 1:125-1:500 |
| Isotype: IgG | Full Name: protein inhibitor of activated STAT, 1 | |
| Immunogen Catalog Number: AG18132 | Calculated MW: 651 aa, 72 kDa | |
| | Observed MW: 72 kDa | |

Applications

Tested Applications:
WB, IF/ICC, IHC, ELISA

Species Specificity:
Human, 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: HEK-293 cells, HepG2 cells, HeLa cells, Jurkat cells

IHC: mouse testis tissue,

IF/ICC: HepG2 cells,

Background Information

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

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

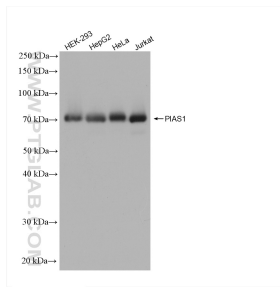
T: 4006900926

E: Proteintech-CN@ptglab.com

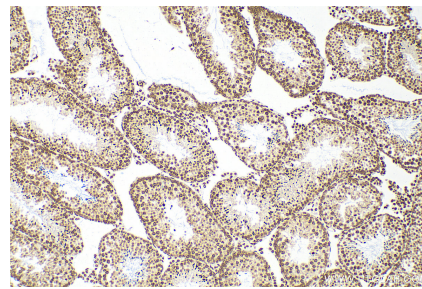
W: ptgcn.com

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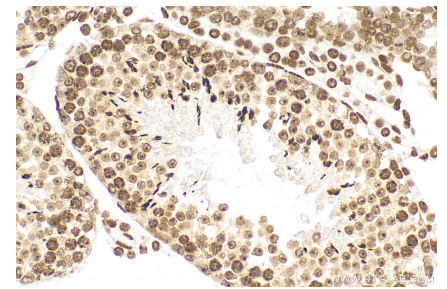
Selected Validation Data



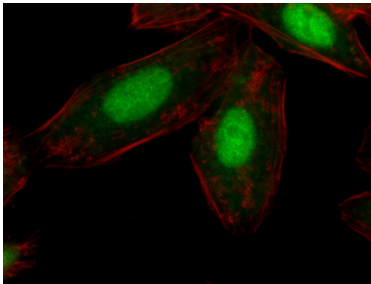
Various lysates were subjected to SDS PAGE followed by western blot with 82873-2-RR (PIAS1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



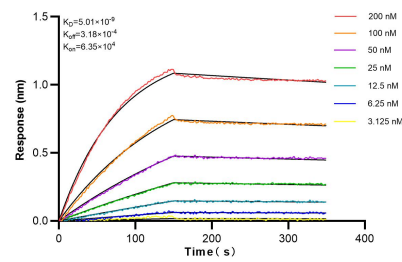
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82873-2-RR (PIAS1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82873-2-RR (PIAS1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PIAS1 antibody (82873-2-RR, Clone: 1C22) at dilution of 1:250 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 82873-2-RR against Human PIAS1 were performed. The affinity constant is 5.01 nM.