

For Research Use Only

LONP2 Polyclonal antibody

Catalog Number: 18035-1-AP

Featured Product

1 Publications



Basic Information

| | | |
|---|---|--|
| Catalog Number: 18035-1-AP | GenBank Accession Number: BC093910 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 83752 | Recommended Dilutions: WB 1:500-1:1000 IHC 1:100-1:400 IF 1:20-1:200 |
| Source: Rabbit | Full Name: Lon peptidase 2, peroxisomal | |
| Isotype: IgG | Calculated MW: 852 aa, 95 kDa | |
| Immunogen Catalog Number: AG12650 | Observed MW: 95 kDa | |

Applications

| | |
|---|---|
| Tested Applications: IF, IHC, WB, ELISA | Positive Controls: |
| Cited Applications: IHC, WB | WB: Jurkat cells, |
| Species Specificity: human, mouse | IHC: human prostate cancer tissue, |
| Cited Species: human | IF: HepG2 cells, |

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

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------|-----------|---------|-------------|
| Xiaobo Cui | 36347334 | Gene | IHC,WB |

Storage

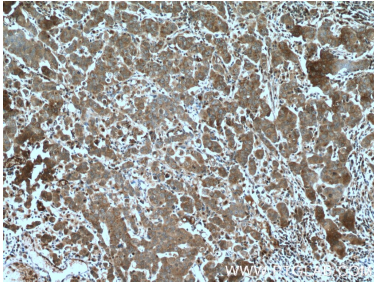
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

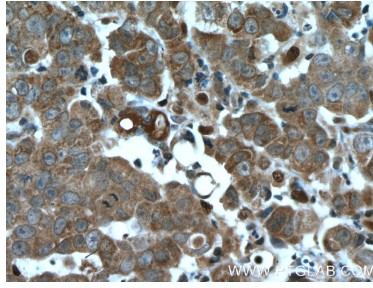
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

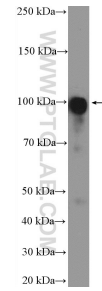
Selected Validation Data



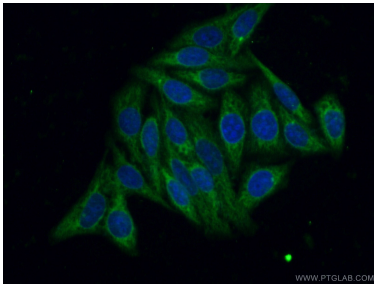
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 18035-1-AP (LONP2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 18035-1-AP (LONP2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Jurkat cells were subjected to SDS PAGE followed by western blot with 18035-1-AP (LONP2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 18035-1-AP (LONP2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).