

For Research Use Only

WWP1 Monoclonal antibody

Catalog Number: 67804-1-Ig



Basic Information

| | | |
|--|---|---|
| Catalog Number: 67804-1-Ig | GenBank Accession Number: BC036065 | Purification Method: Protein A purification |
| Size: 150ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 11059 | CloneNo.: 2G8G11 |
| Source: Mouse | UNIPROT ID: Q9H0M0 | Recommended Dilutions: WB 1:5000-1:50000 |
| Isotype: IgG2b | Full Name: WW domain containing E3 ubiquitin protein ligase 1 | |
| Immunogen Catalog Number: AG30171 | Calculated MW: 922 aa, 105 kDa | |
| | Observed MW: 95-105 kDa | |

Applications

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|--|---|
| Tested Applications: WB, ELISA | Positive Controls: |
| Species Specificity: Human | WB : MCF-7 cells, HaCaT cells, HeLa cells, LNCaP cells, Jurkat cells |

Background Information

WW domain-containing E3 ubiquitin protein ligase 1 (WWP1) is a multifunction protein containing an N-terminal C2 domain, four tandem WW domains for substrate binding, and a C-terminal catalytic HECT domain for ubiquitin transferring. It is also named as AIP5, Tiul1. WWP1 regulates a variety of cellular biological processes including protein trafficking and degradation, signaling, transcription, and viral budding. WWP1 has been implicated in several diseases, such as cancers, infectious diseases, neurological diseases, and aging(PMID:22051607). It has 6 isoforms produced by alternative splicing.

Storage

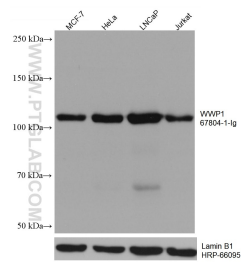
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

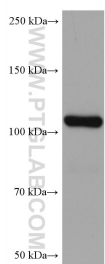
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67804-1-Ig (WWP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



HaCaT cells were subjected to SDS PAGE followed by western blot with 67804-1-Ig (WWP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.