

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 µg/ml by Nanodrop;	GeneID (NCBI): 11059	CloneNo.: 2G8G11
Source: Mouse	Full Name: WW domain containing E3 ubiquitin protein ligase 1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Calculated MW: 922 aa, 105 kDa	
Immunogen Catalog Number: AG30171	Observed MW: 95-105 kDa	

Applications

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

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

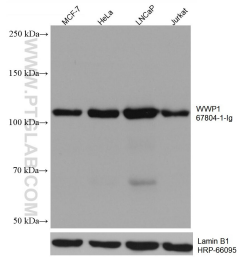
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

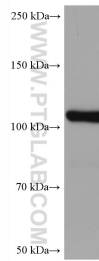
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.