

For Research Use Only

OTULIN Polyclonal antibody

Catalog Number: 27392-1-AP



Basic Information

Catalog Number: 27392-1-AP	GenBank Accession Number: BC007706	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 90268	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: family with sequence similarity 105, member B	
Isotype: IgG	Calculated MW: 352 aa, 40 kDa	
Immunogen Catalog Number: AG22302	Observed MW: 40-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293T cells, HeLa cells, Jurkat cells
Species Specificity: human	

Background Information

Linear ubiquitination is negatively regulated by OTULIN (OTU deubiquitinase with linear linkage specificity, also known as Fam105b or Gumby), a deubiquitinase specifically catalysing the degradation of linear ubiquitin chains. OUb signalling is antagonised by deubiquitinases (DUBs), which cleave the polyUb signal from substrates to terminate signalling. OTU DUB with linear linkage specificity (OTULIN) and CYLD are the two main DUBs that regulate M1-polyUb signalling. OTULIN exclusively cleaves M1 linkages, whereas CYLD cleaves both M1 and K63 linkages. OTULIN binds directly to the LUBAC subunit HOIP and regulates LUBAC signalling, autoubiquitination, and stability. (PMID: 34625557, PMID: 32231246)

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

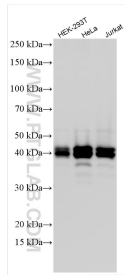
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27392-1-AP (OTULIN antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.