

For Research Use Only

NEDD4 Recombinant antibody

Catalog Number: 83112-1-RR



Basic Information

Catalog Number: 83112-1-RR	GenBank Accession Number: BC152452	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 4734	CloneNo.: 230478F1
Source: Rabbit	UNIPROT ID: P46934	Recommended Dilutions: WB 1:1000-1:5000
Isotype: IgG	Full Name: neural precursor cell expressed, developmentally down-regulated 4	
Immunogen Catalog Number: AG16291	Calculated MW: 1319 aa, 149 kDa	
	Observed MW: 115 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : C6 cells, NIH/3T3 cells
Species Specificity: Human, Mouse, Rat	

Background Information

NEDD4 and similar proteins discovered subsequently became a family of HECT ligases, comprising 9 human proteins including NEDD4, NEDD4-2 (NEDD4L), ITCH, SMURF1, SMURF2, WWP1, WWP2, NEDL1 and NEDL2. NEDD4 is a highly evolutionarily conserved protein from yeast to man, and was initially cloned as a highly expressed gene in the early embryonic brain. NEDD4 is frequently overexpressed in many different types of cancer, and decreased levels of NEDD4 can also be associated with cancer. It can be a potential therapeutic target for the treatment of human cancer.(PMID: 25527121). The human NEDD4 gene is located on chromosome 15q21.3 and comprises 30 exons (HGNC:7727) shown to encode a ~120 kDa protein. Otherwise there is a 75 kDa isoform in addition to full length NEDD4 (PMID: 24907641).

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:

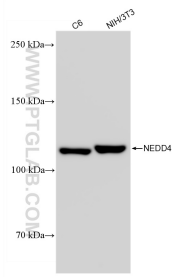
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83112-1-RR (NEDD4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.