NEDD4 Recombinant antibody, PBS Only

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Catalog Number:83112-1-PBS

Basic Information

Catalog Number:
83112-1-PBS

Size:
1mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16291

GenBank Accession Number:
BC152452

GeneID (NCBI):
4734

UNIPROT ID:
P46934

Full Name:
neural precursor cell expressed, developmentally down-regulated 4

Calculated MW:
1319 aa, 149 kDa

Observed MW:
115 kDa

Purification Method:
Protein A purification

CloneNo.:
230478F1

Applications

Tested Applications:
WB, IP, Indirect ELISA

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).
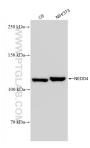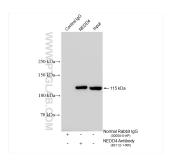
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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. This data was developed using the same antibody clone with 83112-1-PBS in a different storage buffer formulation.

IP result of anti-NEDD4 (IP:83112-1-RR, 4ug; Detection:83112-1-RR 1:1000) with NIH/3T3 cells lysate 1505 ug. This data was developed using the same antibody clone with 83112-1-PBS in a different storage buffer formulation.