

## Product datasheet for **AP52847PU-N**

### **NEDD4 (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Flow Cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 977~1007 amino acids from the C-terminal region of human NEDD4
Specificity:	This antibody recognizes Human and Mouse NEDD4 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase
Database Link:	<a href="#">Entrez Gene 17999 Mouse</a> <a href="#">Entrez Gene 4734 Human</a> <a href="#">P46934</a>



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**Background:** Nedd4 is one of a group of mouse genes that show developmentally regulated expression in mouse embryonic brain. Nedd4 is expressed in various other embryonic tissues and persists in most adult tissues.

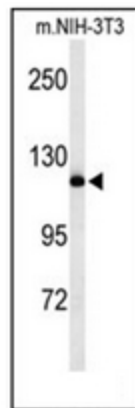
**Synonyms:** KIAA0093

**Note:** **Molecular Weight:** 149059 Da (Isoform 4.;104162 Da) Da

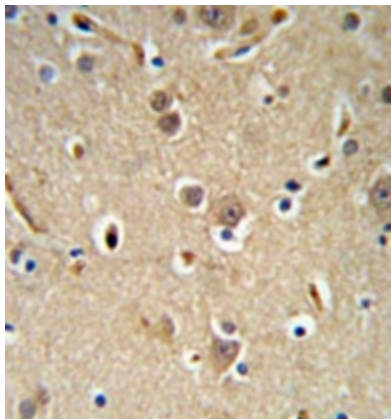
**Protein Families:** Druggable Genome

**Protein Pathways:** Endocytosis, Ubiquitin mediated proteolysis

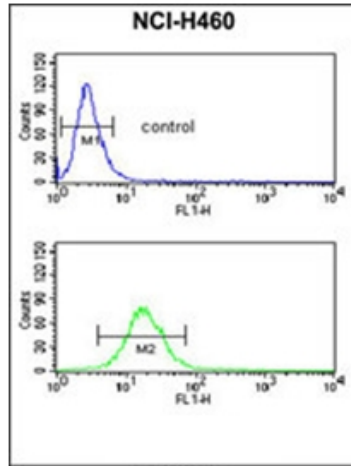
### Product images:



Western blot analysis of NEDD4 Antibody (C-term) in mouse NIH-3T3 cell line lysates (35ug/lane). NEDD4 (arrow) was detected using the purified Pab.



Immunohistochemistry analysis in formalin fixed and paraffin embedded brain tissue reacted with NEDD4 Antibody (C-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of the NEDD4 Antibody (C-term) for Clinical relevance has not been evaluated.



Flow cytometric analysis of NCI-H460 cells using NEDD4 Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.