

# **Product datasheet for TA379036S**

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## **NEDD4 2 (NEDD4L) Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WE

**Reactivity:** WB,1:500 - 1:2000 Human, Mouse, Rat

Modifications: Phospho S448

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: A synthetic phosphorylated peptide around S448 of human NEDD4L (NP\_001138439.1).

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 96-111kDa

**Gene Name:** neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein

ligase

Database Link: Entrez Gene 23327 Human

Q96PU5

Background: This gene encodes a member of the Nedd4 family of HECT domain E3 ubiquitin ligases. HECT

domain E3 ubiquitin ligases transfer ubiquitin from E2 ubiquitin-conjugating enzymes to protein substrates, thus targeting specific proteins for lysosomal degradation. The encoded protein mediates the ubiquitination of multiple target substrates and plays a critical role in epithelial sodium transport by regulating the cell surface expression of the epithelial sodium channel, ENaC. Single nucleotide polymorphisms in this gene may be associated with

essential hypertension. Alternatively spliced transcript variants encoding multiple isoforms

have been observed for this gene.

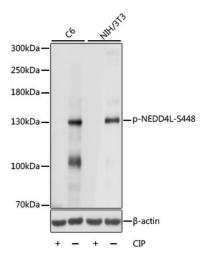


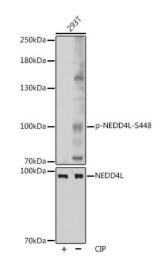


Synonyms:

FLJ33870; hNedd4-2; KIAA0439; NEDD4-2; NEDD4.2; NEDL3; RSP5

### **Product images:**





Western blot analysis of extracts of various cell lines, using Phospho-NEDD4L-S448 antibody ([TA379036]) at 1:1000 dilution. NIH 3T3 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour. C6 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% BSA. |Detection: ECL Basic Kit. |Exposure time: 5s.

Western blot analysis of extracts of 293T cells, using Phospho-NEDD4L-S448 pAb ([TA379036]) at 1:1000 dilution or NEDD4L antibody (A8085).293T cells were treated by CIP(20uL/400ul) at 37°C for 1 hour. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% BSA. |Detection: ECL Basic Kit. |Exposure time: 5s.