

## Product datasheet for **TA379034**

### **NEDD4 Rabbit Polyclonal Antibody**

#### **Product data:**

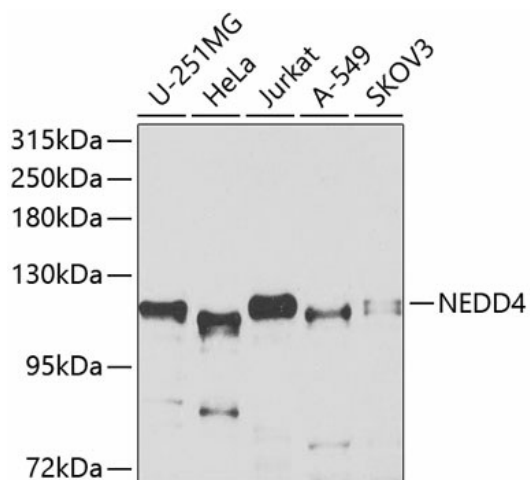
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB,1:500 - 1:2000 IHC,1:50 - 1:200
<b>Reactivity:</b>	Human
<b>Modifications:</b>	Unmodified
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 160-460 of human NEDD4 (NP_940682.2).
<b>Formulation:</b>	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Predicted Protein Size:</b>	104kDa/140kDa/147kDa/149kDa
<b>Gene Name:</b>	neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase
<b>Database Link:</b>	<a href="#">Entrez Gene 4734 Human P46934</a>
<b>Background:</b>	This gene is the founding member of the NEDD4 family of HECT ubiquitin ligases that function in the ubiquitin proteasome system of protein degradation. The encoded protein contains an N-terminal calcium and phospholipid binding C2 domain followed by multiple tryptophan-rich WW domains and, a C-terminal HECT ubiquitin ligase catalytic domain. It plays critical role in the regulation of a number of membrane receptors, endocytic machinery components and the tumor suppressor PTEN.



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Synonyms: KIAA0093; MGC176705; NEDD-4; NEDD4-1; RPF1

### Product images:



Western blot analysis of extracts of various cell lines, using NEDD4 antibody (TA379034) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit . | Exposure time: 30s.