

## NEDD4L

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 112kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human NEDD4L

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

RSP5; NEDD4-2; NEDD4.2; hNEDD4-2;

**Catalog #:** A8085

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 23327

**Isotype:** IgG

**Swiss Prot:** Q96PU5

**Purity:** Affinity purification

For research use only.

**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.

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