

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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