

## Anti-NEDD4-2/NEDD4L Antibody Picoband® Biotin Conjugated

Catalog Number: A01595-1-Biotin

### About NEDD4L

Neural precursor cell expressed developmentally downregulated gene 4-like (NEDD4L) or NEDD4-2 (NEDD4-2) is an enzyme (ubiquitin ligase) of the NEDD4 family. 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.

### Overview

Product Name	Anti-NEDD4-2/NEDD4L Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q96PU5

### Technical Details

Immunogen	E. coli-derived human NEDD4-2 recombinant protein (Position: N703-D975).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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