

Anti-NEDD4L Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

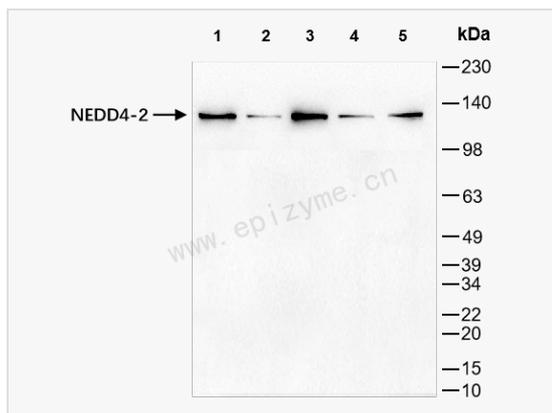
Catalog # R015527

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:3,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	56F89H65
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human NEDD4-2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-NEDD4L Rabbit mAb [56F89H65] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	E3 ubiquitin protein ligase NEDD4 like protein; E3 ubiquitin-protein ligase NEDD4-like; KIAA0439; NED4L_HUMAN; NEDD4 2; NEDD4 2c; Nedd4-2; NEDD4-2a; NEDD4.2; NEDD4b; NEDD4L; NEDD4La; NEDD4Lb; NEDD4Lc; NEDD4Ld; NEDD4Le; NEDD4Lf; NEDD4Lg; NEDD4Lh; NEDL3; Neural precursor cell expressed developmentally down regulated 4 like E3 ubiquitin protein ligase; Neural precursor cell expressed, developmentally down regulated 4 like; RSP5; Ubiquitin protein ligase Rsp5.
Calculated MW	Calculated MW: 112 kDa; Observed MW: 130 kDa
Uniprot ID	Q96PU5
Gene ID	23327
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. [provided by RefSeq, Mar 2012].
Cellular Location	Cytoplasm. May be recruited to exosomes by NDFIP1.
Tissue Location	Ubiquitously expressed, with highest levels in prostate, pancreas and kidney.



Western Blot - Anti-NEDD4L Rabbit mAb [56F89H65]

All lanes: R015527 at 1:3,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 5: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 112 kDa

Observed band size: 130 kDa

Developed using the ECL technique (Cat. No. SQ201).