

NEDD4-2 Rabbit mAb

Catalog No: #49055

Package Size: #49055-1 50ul #49055-2 100ul

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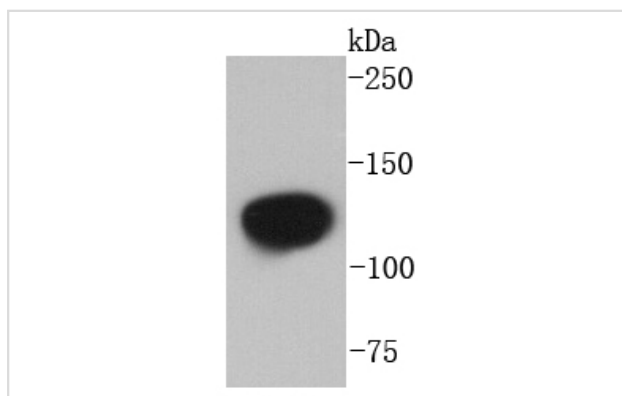
Description

Product Name	NEDD4-2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SN73-03
Purification	ProA affinity purified
Applications	WB, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	E3 ubiquitin protein ligase NEDD4 like protein antibody E3 ubiquitin-protein ligase NEDD4-like antibody KIAA0439 antibody NED4L_HUMAN antibody NEDD4 2 antibody NEDD4 2c antibody Nedd4-2 antibody NEDD4-2a antibody NEDD4.2 antibody NEDD4b antibody NEDD4L antibody NEDD4La antibody NEDD4Lb antibody NEDD4Lc antibody NEDD4Ld antibody NEDD4Le antibody NEDD4Lf antibody NEDD4Lg antibody NEDD4Lh antibody NEDL3 antibody Neural precursor cell expressed developmentally down regulated 4 like E3 ubiquitin protein ligase antibody Neural precursor cell expressed, developmentally down regulated 4 like antibody RSP5 antibody Ubiquitin protein ligase Rsp5 antibody
Accession No.	Swiss-Prot#:Q96PU5
Uniprot	Q96PU5
GeneID	23327;
Calculated MW	112 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000-5,000

Images



Western blot analysis of NEDD4-2 on Jurkat cells lysates using anti-NEDD4-2 antibody at 1/1,000 dilution.

Background

NEDD4-L (neural precursor cell expressed, developmentally down-regulated 4-like), also known as RSP5, NEDD4-2 or NEDL3, is a 975 amino acid protein that localizes to the cytoplasm and contains four WW domains, one HECT domain and one C2 domain. Expressed ubiquitously with highest expression in pancreas, prostate and kidney, NEDD4-L functions as an E3 ubiquitin-protein ligase that, characteristic of E3 ligase proteins, accepts ubiquitin (in the form of a thioester) from an E2 ubiquitin-conjugating enzyme and transfers that ubiquitin residue to substrates targeted for degradation. Through its ability to ubiquitinate and induce the proteasome-dependent degradation of proteins such as Smad2 and TGF β RII, NEDD4-L is thought to inhibit the TGF β signaling pathway, thereby regulating the signaling pathways that control cell growth and differentiation. NEDD4-L is expressed as eight isoforms due to alternative splicing events.

References

Note: This product is for in vitro research use only