
Product Name: Neddylin Rabbit Polyclonal Antibody**Catalog #: APRab14539**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Molecular Weight	9kDa

Antigen Information

Gene Name	NEDD8
Alternative Names	NEDD8; NEDD8; Neddylin; Neural precursor cell expressed developmentally down-regulated protein 8; NEDD-8; Ubiquitin-like protein Nedd8
Gene ID	4738.0
SwissProt ID	Q15843
Immunogen	The antiserum was produced against synthesized peptide derived from human NEDD8. AA range:10-59

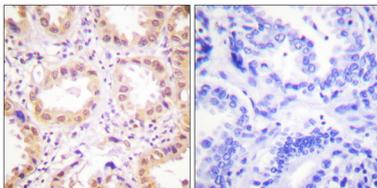
Background

function: Ubiquitin-like protein which plays an important role in cell cycle control and embryogenesis. Covalent attachment to its substrates requires prior activation by the E1 complex UBE1C-APPBP1 and linkage to the E2 enzyme UBE2M. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.,PTM: Cleavage of precursor form by UCHL3 or SENP8 is necessary for function.,similarity: Belongs to the ubiquitin family.,subcellular location: Mainly nuclear.,subunit: Directly interacts with NUB1 and AHR. Covalently attached to cullins and p53.,tissue specificity: Highly expressed in heart, skeletal muscle, spleen, thymus, prostate, testis, ovary, colon and leukocytes.,function: Ubiquitin-like protein which plays an important role in cell cycle control and embryogenesis. Covalent attachment to its substrates requires prior activation by the E1 complex UBE1C-APPBP1 and linkage to the E2 enzyme UBE2M. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.,PTM: Cleavage of precursor form by UCHL3 or SENP8 is necessary for function.,similarity: Belongs to the ubiquitin family.,subcellular location: Mainly nuclear.,subunit: Directly interacts with NUB1 and AHR. Covalently attached to cullins and p53.,tissue specificity: Highly expressed in heart, skeletal muscle, spleen, thymus, prostate, testis, ovary, colon and leukocytes.,

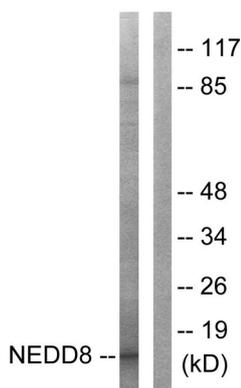
Research Area

Cell Biology

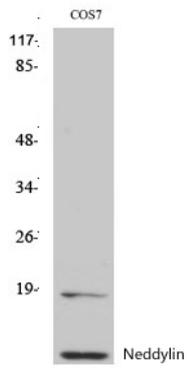
Image Data



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using NEDD8 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using NEDD8 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Neddylin Polyclonal Antibody diluted at 1: 1000.