

Neddylin Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05872
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NEDD8. AA range:10-59
Mol wt	9072
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Neddylin Antibody
Synonyms	NEDD8; NEDD8; Neddylin; Neural precursor cell expressed developmentally down-regulated protein 8; NEDD-8; Ubiquitin-like protein Nedd8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NEDD8 is a Protein Coding gene. Among its related pathways are Signaling by GPCR and p53 pathway (Pathway Interaction Database). 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. Gene Ontology (GO) annotations related to this gene include ubiquitin protein ligase binding. An important paralog of this gene is UBA52.

Recommended Dilution

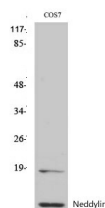
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

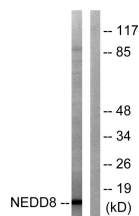
ELISA: 1: 5000

Not yet tested in other applications.

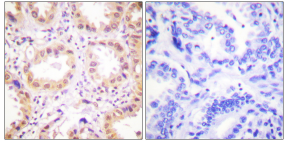
Images



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



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



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

Storage

-20°C for one year

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