

Immunotag™ Neddylin Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3026
Product Description	Immunotag™ Neddylin Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Neddylin
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat,Monkey
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Neddylin, at AA range: 10-90
Specificity	Neddylin Polyclonal Antibody detects endogenous levels of Neddylin protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NEDD8
Accession No.	Q15843 P29595 Q71UE8
Alternate Names	NEDD8; NEDD8; Neddylin; Neural precursor cell expressed developmentally down-regulated protein 8; NEDD-8; Ubiquitin-like protein Nedd8

Antibody Specification

Description	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.,
Protein Expression	Fibrosarcoma,
Subcellular Localization	nucleus,cytosol,extracellular exosome,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.