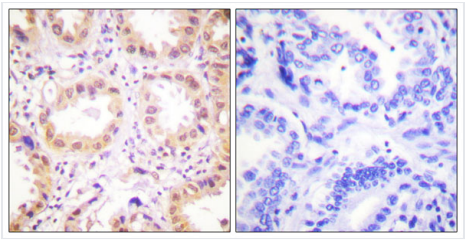
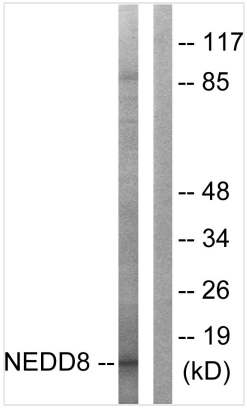
NEDD8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NEDD8, Polyclonal Antibody
Full Product Name	NEDD8 Antibody
Product Gene Name	anti-NEDD8 antibody
Product Synonym Names	NEDD8; Ubiquitin-like protein Nedd8; Neddylin; Neural precursor cell expressed developmentally down-regulated protein 8; NEDD-8
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	NEDD8 Antibody detects endogenous levels of total NEDD8 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	9 kDa
OMIM	D23662 mRNA
3D Structure	ModBase 3D Structure for Q15843
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human NEDD8.
Immunogen Range	Oct-59
Applications Tested/Suitable for anti-NEDD8 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-NEDD8 antibody	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Related Product Information for anti-NEDD8 antibody	MBS9504754 is an antibody targeting NEDD8. Also known as NEDD8 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-NEDD8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-NEDD8 antibody
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 (WB) of anti-NEDD8 antibody
Western blot analysis of lysates from Jurkat cells, using NEDD8 Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NEDD8. It may not necessarily be applicable to this product.

NCBI GI #	5453760
NCBI GeneID	4738
NCBI Accession #	NP_006147.1
UniProt Primary Accession #	Q15843
UniProt Secondary Accession #	Q3SXN8; Q6LES6
UniProt Related Accession #	Q15843
GenBank Nucleotide #	NM_006156.2
NCBI Official Full Name	NEDD8
NCBI Official Synonym Full Names	neural precursor cell expressed, developmentally down-regulated 8
NCBI Official Symbol	NEDD8
NCBI Official Synonym Symbols	NEDD-8
UniProt Protein Name	NEDD8
UniProt Synonym Protein Names	Neddylin; Neural precursor cell expressed developmentally down-regulated protein 8; NEDD-8; Ubiquitin-like protein Nedd8
Protein Family	NEDD8
UniProt Gene Name	NEDD8
UniProt Synonym Gene Names	NEDD-8
NCBI Protein Information	NEDD8
UniProt Comments for NEDD8	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.
Research Articles on NEDD8	**1.** MKK7 undergoes neddylation in human breast cancer cells

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/nedd8/9504754