

NEDD8 conjugating enzyme (N Terminus) Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3518a**Specification**

NEDD8 conjugating enzyme (N Terminus) Antibody (N-Term) - Product Information

Application	WB, E
Primary Accession	Q969M7
Other Accession	NP_542409.1 , 140739 , 67921 (mouse) , 363284 (rat)
Reactivity	Rat
Predicted	Human, Mouse, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	21077

NEDD8 conjugating enzyme (N Terminus) Antibody (N-Term) - Additional Information**Gene ID** 140739**Other Names**

NEDD8-conjugating enzyme UBE2F, 6.3.2.-, NEDD8 carrier protein UBE2F, NEDD8 protein ligase UBE2F, NEDD8-conjugating enzyme 2, Ubiquitin-conjugating enzyme E2 F, UBE2F, NCE2

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NEDD8 conjugating enzyme (N Terminus) Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NEDD8 conjugating enzyme (N Terminus) Antibody (N-Term) - Protein Information**Name** UBE2F**Synonyms** NCE2

Function

Accepts the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins (PubMed:[19250909](http://www.uniprot.org/citations/19250909), PubMed:[23201271](http://www.uniprot.org/citations/23201271)). Together with the E3 ubiquitin ligase RNF7/RBX2, specifically neddylates cullin-5 (CUL5) (PubMed:[19250909](http://www.uniprot.org/citations/19250909), PubMed:[23201271](http://www.uniprot.org/citations/23201271), PubMed:[23300442](http://www.uniprot.org/citations/23300442)). Does not neddylate CUL1, CUL2, CUL3, CUL4A or CUL4B (PubMed:[19250909](http://www.uniprot.org/citations/19250909), PubMed:[23201271](http://www.uniprot.org/citations/23201271)). Mediates neddylation of the CUL9-RBX1 complex (PubMed:[38605244](http://www.uniprot.org/citations/38605244)).

Tissue Location

Widely expressed (at protein level).

NEDD8 conjugating enzyme (N Terminus) Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NEDD8 conjugating enzyme (N Terminus) Antibody (N-Term) - Images

AF3518a (0.05 µg/ml) staining of Rat Pancreas lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NEDD8 conjugating enzyme (N Terminus) Antibody (N-Term) - References

E2-RING expansion of the NEDD8 cascade confers specificity to cullin modification. Huang DT, Ayrault O, Hunt HW, Taherbhoy AM, Duda DM, Scott DC, Borg LA, Neale G, Murray PJ, Roussel MF, Schulman BA. Mol Cell. 2009 Feb 27;33(4):483-95. PMID: 19250909