

UBE2F/NEDD8-conjugating enzyme Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2305a**Specification**

UBE2F/NEDD8-conjugating enzyme Antibody (C-Term) - Product Information

Application	E
Primary Accession	O969M7
Other Accession	NP_542409.1 , 140739
Predicted	Human, Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	21077

UBE2F/NEDD8-conjugating enzyme Antibody (C-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

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

UBE2F/NEDD8-conjugating enzyme Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

UBE2F/NEDD8-conjugating enzyme Antibody (C-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, PubMed:23201271). Together with the E3 ubiquitin ligase RNF7/RBX2, specifically neddylates cullin-5 (CUL5) (PubMed:19250909, PubMed:23201271, PubMed:23300442). Does not neddylate CUL1, CUL2, CUL3, CUL4A or CUL4B (PubMed:19250909, PubMed:23201271). Mediates neddylation of the CUL9-RBX1 complex (PubMed:38605244).

Tissue Location

Widely expressed (at protein level).

UBE2F/NEDD8-conjugating enzyme Antibody (C-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](#)

UBE2F/NEDD8-conjugating enzyme Antibody (C-Term) - Images**UBE2F/NEDD8-conjugating enzyme Antibody (C-Term) - Background**

This antibody is expected to recognise isoform 1 (NP_542409.1) only.

UBE2F/NEDD8-conjugating enzyme Antibody (C-Term) - References

A Nedd8 conjugation pathway is essential for proteolytic targeting of p27Kip1 by ubiquitination. Podust VN, Brownell JE, Gladysheva TB, Luo RS, Wang C, Coggins MB, Pierce JW, Lightcap ES, Chau V. Proc Natl Acad Sci U S A. 2000 Apr 25;97(9):4579-84. PMID: 10781063