

DCUN1D3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10356a**Specification**

DCUN1D3 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O8IWE4](#)
Other Accession [NP_775746.1](#)

DCUN1D3 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 123879

Other Names

DCN1-like protein 3, DCUN1 domain-containing protein 3, Defective in cullin neddylation protein 1-like protein 3, DCUN1D3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DCUN1D3 Antibody (N-term) Blocking peptide - Protein Information

Name DCUN1D3 ([HGNC:28734](#))

Function

Contributes to the neddylation of all cullins by transferring NEDD8 from N-terminally acetylated NEDD8-conjugating E2s enzyme to different cullin C-terminal domain-RBX complexes and may play a role in the cell cycle progression by regulating the SCF ubiquitin E3 ligase complex, after UV damage (PubMed:[23201271](http://www.uniprot.org/citations/23201271) target="_blank">23201271, PubMed:[19617556](http://www.uniprot.org/citations/19617556) target="_blank">19617556, PubMed:[27542266](http://www.uniprot.org/citations/27542266) target="_blank">27542266, PubMed:[18823379](http://www.uniprot.org/citations/18823379) target="_blank">18823379). At the cell membrane, can promote and as well inhibit cullins neddylation (PubMed:[19617556](http://www.uniprot.org/citations/19617556) target="_blank">19617556, PubMed:[26906416](http://www.uniprot.org/citations/26906416) target="_blank">26906416, PubMed:[25349211](http://www.uniprot.org/citations/25349211) target="_blank">25349211).

Cellular Location

Cell membrane. Cytoplasm. Nucleus. Cytoplasm, perinuclear region. Note=After UVC treatment, the protein enters to the nucleus gradually (PubMed:18823379). Cell membrane localization is

essential for CUL3 neddylation (PubMed:19617556).

Tissue Location

Tends to be down-regulated in different type of cancers, including lung neuroendocrine carcinoma, thyroid Huerthle cell carcinoma and lung squamous cell carcinoma (PubMed:25349211). Mostly expressed in testis and brain (PubMed:26906416). Highly expressed in liver, bladder and renal normal tissue than their tumor tissue counterparts (PubMed:18823379). Palmitoylation stabilizes DCUN1D3 at the cell membrane (PubMed:19617556).

DCUN1D3 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

DCUN1D3 Antibody (N-term) Blocking peptide - Images**DCUN1D3 Antibody (N-term) Blocking peptide - References**

Ma, T., et al. Cancer Sci. 99(11):2128-2135(2008) Kurz, T., et al. Nature 435(7046):1257-1261(2005) Loftus, B.J., et al. Genomics 60(3):295-308(1999)