

Goat anti-DCUN1D1, Biotinlyated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4474a

Specification

Goat anti-DCUN1D1, Biotinlyated Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	O96GG9
Other Accession	NP_065691.2
Reactivity	Human, Mouse, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	30124

Goat anti-DCUN1D1, Biotinlyated Antibody - Additional Information

Gene ID 54165

Other Names

DCUN1D1; DCN1, defective in cullin neddylation 1, domain containing 1 (*S. cerevisiae*); DCUN1L1; RP42; SCCRO; SCRO; Tes3; RP42 homolog; squamous cell carcinoma-related oncogene

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

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

Goat anti-DCUN1D1, Biotinlyated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-DCUN1D1, Biotinlyated Antibody - Protein Information

Name DCUN1D1 ([HGNC:18184](#))

Function

Part of an E3 ubiquitin ligase complex for neddylation (PubMed:[18826954](http://www.uniprot.org/citations/18826954)). Promotes neddylation of cullin components of E3 cullin-RING ubiquitin ligase complexes (PubMed:[19617556](http://www.uniprot.org/citations/19617556), PubMed:[23201271](http://www.uniprot.org/citations/23201271), PubMed:[23401859](http://www.uniprot.org/citations/23401859), PubMed:[26906416](http://www.uniprot.org/citations/26906416)). Acts by binding to cullin-RBX1 complexes in the cytoplasm and promoting their nuclear translocation,

enhancing recruitment of E2-NEDD8 (UBE2M-NEDD8) thioester to the complex, and optimizing the orientation of proteins in the complex to allow efficient transfer of NEDD8 from the E2 to the cullin substrates. Involved in the release of inhibitory effects of CAND1 on cullin-RING ligase E3 complex assembly and activity (PubMed:25349211, PubMed:28581483). Acts also as an oncogene facilitating malignant transformation and carcinogenic progression (By similarity).

Cellular Location

Nucleus. Cytoplasm Note=The ubiquitinated form is localized in the cytoplasm

Tissue Location

Expressed in pancreas, kidney, placenta, brain and heart. Weakly or not expressed in liver, skeletal muscle and lung Strongly overexpressed in thyroid tumors, bronchioloalveolar carcinomas, and malignant tissues of squamous cell carcinoma of the oral tongue. Not overexpressed in aggressive adrenocortical carcinomas

Goat anti-DCUN1D1, Biotinlyated Antibody - 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](#)

Goat anti-DCUN1D1, Biotinlyated Antibody - Images