

DCUN1D1 / SCCRO Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS15853**Specification**

DCUN1D1 / SCCRO Antibody (C-Terminus) - Product Information

Application	IHC, WB
Primary Accession	Q96GG9
Reactivity	Human, Mouse, Rabbit, Monkey, Chicken, Horse, Xenopus, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	30kDa KDa

DCUN1D1 / SCCRO Antibody (C-Terminus) - Additional Information**Gene ID** 54165**Other Names**

DCN1-like protein 1, DCUN1 domain-containing protein 1, Defective in cullin neddylation protein 1-like protein 1, Squamous cell carcinoma-related oncogene, DCUN1D1, DCUN1L1, RP42, SCCRO

Target/Specificity

Human DCUN1D1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

DCUN1D1 / SCCRO Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

DCUN1D1 / SCCRO Antibody (C-Terminus) - Protein Information**Name** DCUN1D1 ([HGNC:18184](#))**Function**

Part of an E3 ubiquitin ligase complex for neddylation (PubMed:18826954). Promotes neddylation of cullin components of E3 cullin-RING ubiquitin ligase complexes (PubMed:26906416, PubMed:23201271, PubMed:19617556, PubMed:23401859). 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

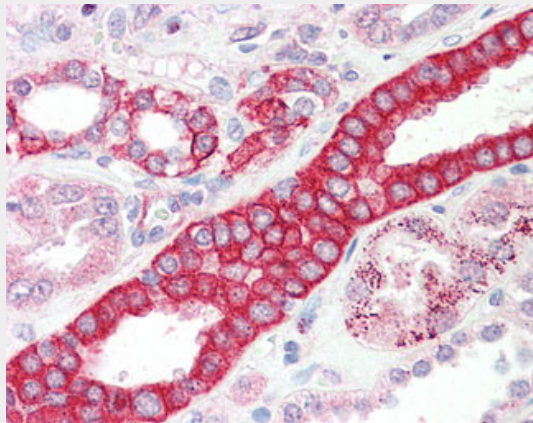
Tissue Location

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

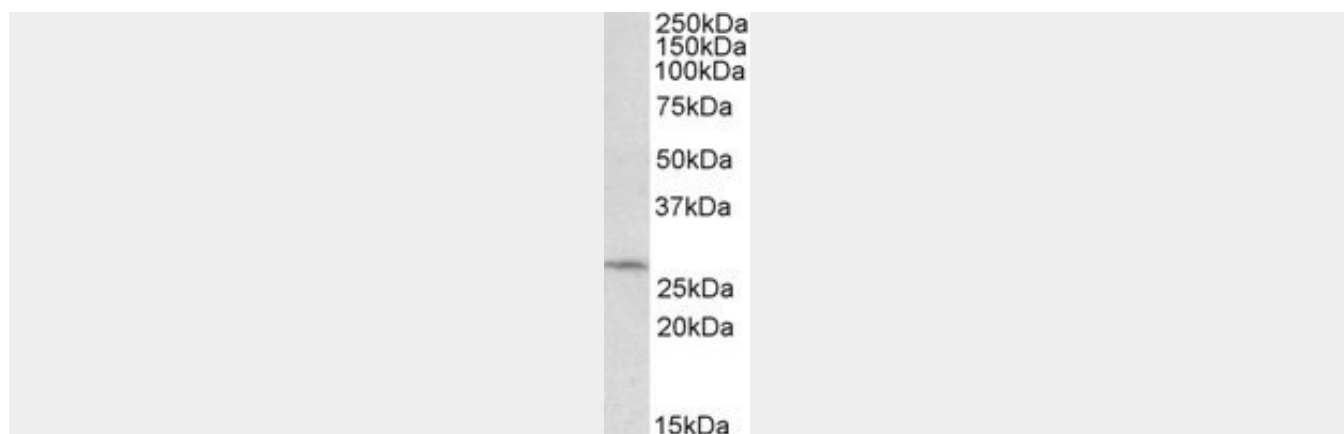
DCUN1D1 / SCCRO Antibody (C-Terminus) - Protocols

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](#)

DCUN1D1 / SCCRO Antibody (C-Terminus) - Images

Anti-DCUN1D1 / SCCRO antibody IHC staining of human kidney.



DCUN1D1 antibody (0.5 ug/ml) staining of HepG2 lysate (35 ug protein/ml in RIPA buffer).

DCUN1D1 / SCCRO Antibody (C-Terminus) - Background

Part of an E3 ubiquitin ligase complex for neddylation. Required for neddylation of cullin components of E3 cullin-RING ubiquitin ligase complexes by enhancing the rate of cullins neddylation. Functions to recruit the NEDD8-charged E2 enzyme to the cullin component. Involved in the release of inhibitory effects of CAND1 on cullin-RING ligase E3 complex assembly and activity. Acts also as an oncogene facilitating malignant transformation and carcinogenic progression (By similarity).

DCUN1D1 / SCCRO Antibody (C-Terminus) - References

Mas C., et al. Genomics 65:70-74(2000).
Sarkaria I., et al. Cancer Res. 66:9437-9444(2006).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Estilo C.L., et al. Clin. Cancer Res. 9:2300-2306(2003).