

SCRO Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58460

Specification

SCRO Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O96GG9
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30124

SCRO Polyclonal Antibody - Additional Information

Gene ID 54165

Other Names

DCN1-like protein 1, DCNL1, DCUN1 domain-containing protein 1, Defective in cullin neddylation protein 1-like protein 1, Squamous cell carcinoma-related oncogene, DCUN1D1 ([HGNC:18184](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=18184))

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SCRO Polyclonal 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](http://www.uniprot.org/citations/25349211), PubMed:[28581483](http://www.uniprot.org/citations/28581483)

target=" _blank">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

SCRO Polyclonal 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](#)

SCRO Polyclonal Antibody - Images