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Datasheet for ABIN717553

anti-DCUN1D1 antibody (AA 101-200) (Biotin)

Overview

Quantity:	100 µL
Target:	DCUN1D1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCUN1D1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SCRO/DCUN1D1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DCUN1D1
Alternative Name:	SCRO (DCUN1D1 Products)
Background:	Synonyms: DCN1 defective in cullin neddylation 1 domain containing 1, DCN1 like protein 1,

Target Details

DCUN1 domain containing protein 1, DCUN1L1, Defective in cullin neddylation protein 1 like protein 1, RP 42, RP42, RP42 homolog, SCCRO, SCRO, Squamous cell carcinoma related oncogene, Tes 3, Tes3.

Background: DCUN1D1 (DCUN1 domain-containing protein 1) contains a DUF298 domain and a UBA-like ubiquitin. Forms 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. Defects in DCUN1D1 may be a cause of squamous cell carcinomas. Strongly overexpressed in thyroid tumors, bronchioloalveolar carcinomas, and malignant tissues of squamous cell carcinoma of the oral tongue. Not overexpressed in aggressive adrenocortical carcinomas.

Gene ID: 54165

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months