Anti-DCUN1D3 antibody

Cat. No.	ml263680
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-DCUN1D3 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human DCUN1D3
Reactivity	Human, Mouse, Rat
Content	0.72 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DCUN1D3
Full name	defective in cullin neddylation 1 domain containing 3
Synonyms	44M2.4; SCCRO3
Swissprot	Q8IWE4

Target Background

Covalent attachment of NEDD8 to cullins, a process called neddylation, results in nuclear cullin accumulation, which promotes cell growth, migration, and transformation. DCUN1D3 inhibits neddylation of cullins by sequestering them to the plasma membrane, thereby promoting cell differentiation. Antagonizes DCUN1D1-mediated CUL1 neddylation by sequestering CUL1 at the cell membrane (PubMed:25349211). When overexpressed in transformed cells, may promote mesenchymal to epithelial-like changes and inhibit colony formation in soft agar (PubMed:25349211).

Applications

Western blotting

Predicted band size:34 kDa

Positive control:LO2，231 and A549 cell lysates
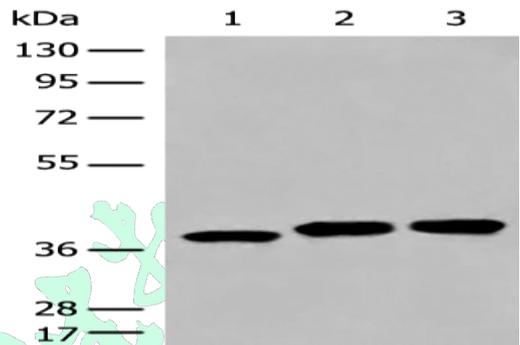
Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

Lysate: 40 μg

Lane 1-3: LO2，231 and A549 cell lysates

Primary antibody: ml263680(DCUN1D3 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds

ELISA

Recommended dilution:5000-10000

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