

## DCUN1D3 Conjugated Antibody

Catalog No: #C47031



Package Size: #C47031-AF350 100ul #C47031-AF405 100ul #C47031-AF488 100ul  
 #C47031-AF555 100ul #C47031-AF594 100ul #C47031-AF647 100ul  
 #C47031-AF680 100ul #C47031-AF750 100ul #C47031-Biotin 100ul

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## Description

Product Name	DCUN1D3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DCUN1D3 protein.
Immunogen Description	Synthetic peptide of human DCUN1D3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	44M2.4; SCCRO3
Accession No.	Swiss-Prot#:Q8IWE4NCBI Gene ID:123879NCBI mRNA#:NCBI Protein#:NP_775746
Uniprot	Q8IWE4
GeneID	123879;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	34
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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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).

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Note: This product is for in vitro research use only