

Datasheet for ABIN7011683
anti-Dermcidin antibody[Go to Product page](#)

2 Images

Overview

Quantity:	60 µL
Target:	Dermcidin (DCD)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human DCD (NP_444513.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Dermcidin (DCD)
Alternative Name:	DCD (DCD Products)
Background:	This antimicrobial gene encodes a secreted protein that is subsequently processed into mature peptides of distinct biological activities. The C-terminal peptide is constitutively expressed in sweat and has antibacterial and antifungal activities. The N-terminal peptide, also known as diffusible survival evasion peptide, promotes neural cell survival under conditions of severe oxidative stress. A glycosylated form of the N-terminal peptide may be associated with

Target Details

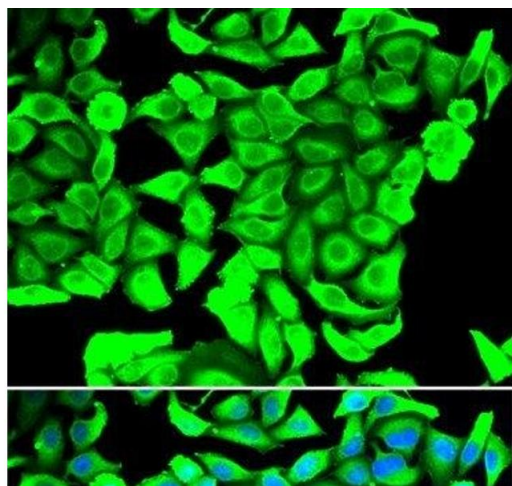
	cachexia (muscle wasting) in cancer patients. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	Observed_MW: 11 kDa Calculated_MW: 8 kDa/11 kDa/12 kDa
Gene ID:	117159
UniProt:	P81605

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:100
Restrictions:	For Research Use only

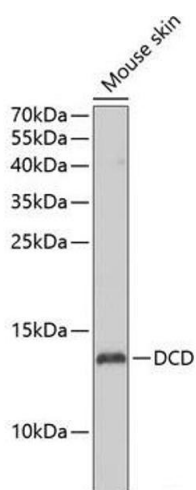
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF-7 cells using DCD Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of Mouse skin using DCD Polyclonal Antibody at dilution of 1:1000.