

DCD Polyclonal Antibody

Catalog No.	A7280	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	11kDa
Cross-reactivity	Human, Mouse	Calculated MW	8kDa/11kDa/12kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-110 of human DCD (NP_444513.1).
Gene ID	117159
Swiss prot	P81605
Synonyms	DCD; AIDD; DCD-1; DSEP; HCAP; PIF; dermcidin

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

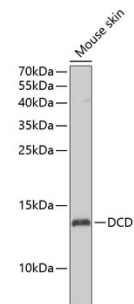
Background

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 cachexia (muscle wasting) in cancer patients. Alternative splicing results in multiple transcript variants encoding different isoforms.

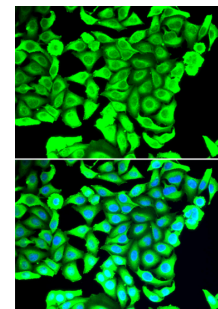
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:100



Western blot - DCD Polyclonal Antibody (A7280)



Immunofluorescence - DCD Polyclonal Antibody (A7280)