

Rabbit anti-Human, Mouse DCD Polyclonal Antibody | anti-DCD antibody

DCD Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279766	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

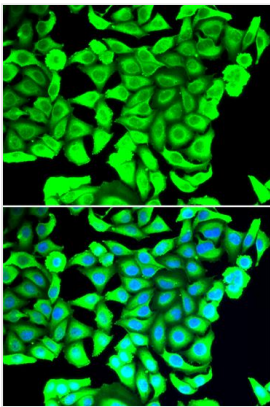
PRODUCT SYNONYMS

DCD; Polyclonal Antibody; DCD Polyclonal Antibody; PIF; AIDD; DSEP; HCAP; DCD-1; anti-DCD antibody

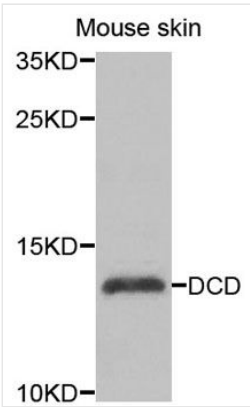
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	110
Applicable Applications for anti-DCD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human DCD
Calculated Molecular Weight	11kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using DCD antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of mouse skin, using DCD antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-DCD antibody	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.
Product Categories/Family for anti-DCD antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20141302
NCBI GeneID	117159
UniProt Accession #	P81605; P58461; Q53YJ2; A5JHP2; A5JHP3
Molecular Weight	110
NCBI Official Full Name	Dermcidin
NCBI Official Synonym Full Names	dermcidin
NCBI Official Symbol	DCD
NCBI Official Synonym Symbols	PIF; AIDD; DSEP; HCAP; DCD-1
NCBI Protein Information	dermcidin; preproteolysin; survival promoting peptide; proteolysis inducing factor; diffusible survival/evasion peptide
UniProt Protein Name	Dermcidin
UniProt Gene Name	DCD
UniProt Synonym Gene Names	AIDD; DSEP
UniProt Entry Name	DCD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

