

Rabbit anti-Human, Rat Dermcidin Polyclonal Antibody | anti-DCD antibody

Dermcidin Antibody

CATALOG # AAA328970	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA
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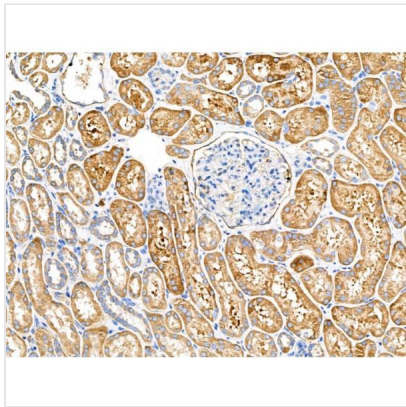
PRODUCT SYNONYMS

Dermcidin; Polyclonal Antibody; Dermcidin Antibody; AIDD; DCD 1; dcd; DCD-1; DCD_HUMAN; DSEP; HCAP; PIF; Preproteolysin; anti-DCD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Dermcidin Antibody detects endogenous levels of total Dermcidin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	110
Applicable Applications for anti-DCD antibody	ELISA
Immunogen	A synthesized peptide derived from human Dermcidin, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

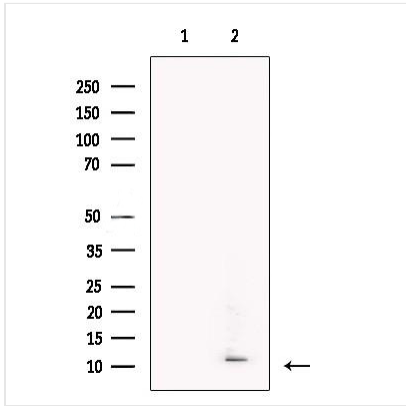
IMAGES



IHC (Immunohistochemistry)
AAA328970 at 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA328970 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from 293, using Dermcidin Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DCD antibody	Function: DCD-1 displays antimicrobial activity thereby limiting skin infection by potential pathogens in the first few hours after bacterial colonization. Highly effective against E.coli, E.faecalis, S.aureus and C.albicans. Optimal pH and salt concentration resemble the conditions in sweat. Also exhibits proteolytic activity, cleaving on the C-terminal side of Arg and, to a lesser extent, Lys residues (PubMed:17448443). Survival-promoting peptide promotes survival of neurons and displays phosphatase activity. It may bind IgG.
	Subcellular Location: Secreted.
	Tissue Specificity: Specifically and constitutively expressed in eccrine sweat gland cells. Secreted into the sweat at a concentration of 1-10 micrograms/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16751921
NCBI GeneID	117159
NCBI Accession #	NP_444513.1
NCBI GenBank Nucleotide #	NP_444513.1

UniProt Accession #	P81605
Molecular Weight	Observed Molecular Weight: (Observed)11kD. Predicted Molecular Weight: (Calculated)11kDa.
NCBI Official Full Name	dermcidin isoform 1 preproprotein
NCBI Official Synonym Full Names	dermcidin
NCBI Official Symbol	DCD
NCBI Official Synonym Symbols	PIF; AIDD; DSEP; HCAP; DCD-1
NCBI Protein Information	dermcidin
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dermcidin-antibody-elisa/328970>