

DCD

Reactivity: Human Mouse

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 11kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human DCD

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PIF; AIDD; DSEP; HCAP; DCD-1;

Catalog #: A7280

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 117159

Isotype: IgG

Swiss Prot: P81605

Purity: Affinity purification

For research use only.

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.

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