

Product Name: Defensin α 3 Rabbit Polyclonal Antibody
Catalog #: APRab09903



Summary

Production Name	Defensin α 3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	DEFA3
Alternative Names	DEFA3; DEF3; Neutrophil defensin 3; Defensin; α 3; HNP-3; HP-3; HP3
Gene ID	1668.0
SwissProt ID	P59666.The antiserum was produced against synthesized peptide derived from human Defensin α 3. AA range:3-52

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:20000
Molecular Weight	

Background

defensin α 3(DEFA3) Homo sapiens Defensins are a family of antimicrobial and cytotoxic peptides thought to be

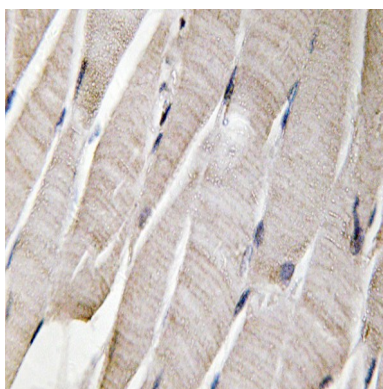
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involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. The protein encoded by this gene, defensin, alpha 3, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. Several alpha defensin genes are clustered on chromosome 8. This gene differs from defensin, alpha 1 by only one amino acid. This gene and the gene encoding defensin, alpha 1 are both subject to copy number variation. [provided by RefSeq, Oct 2014],function:Defensin 2 and defensin 3 have antibiotic, fungicide and antiviral activities. Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane.,similarity:Belongs to the alpha-defensin family.,subunit:Dimer.,

Research Area

Image Data



Immunohistochemistry analysis of Defensin α 3 antibody in paraffin-embedded human skeletal muscle tissue.

Note

For research use only.