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Defensin alpha 5 Rabbit pAb

Catalog # AP97120

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	4 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from rat Defensin alpha 5
Epitope Specificity	31-94/94
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the alpha-defensin family.
Post-translational modifications	Glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane. All DEFA5 peptides exert antimicrobial activities, but their potency is affected by peptide processing.

Additional Information

Other Names	DEF5; HD-5; DEF5_HUMAN; DEFA5; Defensin-5; HD5(20-94); defensin alpha 5; defensin, alpha 5, Paneth cell-specific
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	Defensin alpha 5 Rabbit pAb
Function	Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane. All DEFA5 peptides exert antimicrobial activities, but their potency is affected by peptide processing.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.