

DEFB112 Rabbit pAb

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Catalog # AP55481

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q30KQ8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12991
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DEFB112
Epitope Specificity	41-113/113
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	beta-defensins are small cationic peptides with broad-spectrum antimicrobial activity against a variety of enveloped viruses, fungi and bacteria. Produced in mucosal epithelia and neutrophils of several species, beta-defensins are developmentally regulated. The family of beta-defensin proteins share a common defensin-motif that is characterized by multiple cysteine residues and a highly conserved tertiary structure. Besides playing a significant role in host immune defense, many beta-defensins also are involved in sperm maturation and capacitation. beta-defensin 112 is a 113 amino acid secreted protein that has antibacterial activity.

Additional Information

Other Names	Beta-defensin 112, Beta-defensin 12, DEFB-12, Defensin, beta 112, DEFB112, DEFB12
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

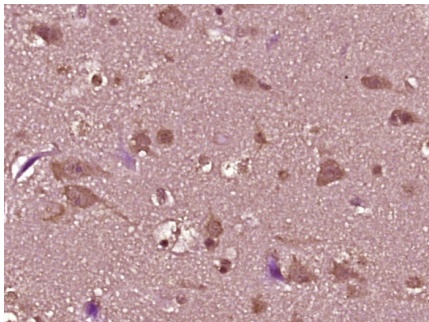
Name	DEFB112
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Synonyms	DEFB12
Function	Has antibacterial activity.
Cellular Location	Secreted.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Human glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DEFB112) Polyclonal Antibody, Unconjugated (AP55481) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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