

Defensin Alpha4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02563
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Defensin alpha4. AA range:27-76
Mol wt	10504
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	Defensin alpha4 Antibody
Synonyms	DEFA4; DEF4; Neutrophil defensin 4; Defensin; alpha 4; HNP-4; HP-4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Defensins are a family of antimicrobial and cytotoxic peptides thought to be 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. Several alpha defensin genes are clustered on chromosome 8. DEFA4 differs from other genes of this family by an extra 83-base segment that is apparently the result of a recent duplication within the coding region. Neutrophil defensin 4 encoded by DEFA4, defensin, alpha 4, is found in the neutrophils; it exhibits corticostatic activity and inhibits corticotropin stimulated corticosterone production.

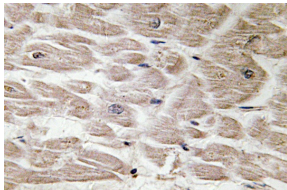
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of Defensin α 4 antibody in paraffin-embedded human heart tissue.

Storage

-20°C for one year