

Defensin Alpha1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02561
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Defensin alpha1. AA range:3-52
Mol wt	10201
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	Defensin alpha1 Antibody
Synonyms	DEFA1; DEF1; DEFA2; MRS; DEFA1B; Neutrophil defensin 1; Defensin; alpha 1; HNP-1; HP-1; HP1

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. Neutrophil defensin 1 encoded by DEFA1, defensin, alpha 1, 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 3 by only one amino acid. This gene and the gene encoding defensin, alpha 3 are both subject to copy number variation.

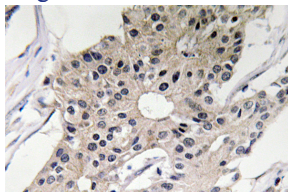
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of Defensin α 1 antibody in paraffin-embedded human breast carcinoma tissue.

Storage

-20°C for one year