



Rabbit Anti-DEFB110 antibody

SL14244R

Product Name:	DEFB110
Chinese Name:	防御素 β -110/ β -defensin 110抗体
Alias:	Beta defensin 11; Beta defensin 110; Beta defensin 111; CBD110; DEFB 10; DEFB 11; DEFB 110; DEFB10; DEFB11; DEFB111; Defensin beta 10; Defensin beta 110; Defensin, beta 111; MGC183056; MGC190230.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	5.7kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DEFB110:20-67/67
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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 110 is a 67 amino acid secreted protein that has antibacterial activity. There are two isoforms of Beta-defensin 110 that exist as a result of alternative splicing events.

Function:

DEFB110 belongs to the beta-defensin family. It has antibacterial activity. There are two named isoforms produced by alternative splicing.

Subcellular Location:

Secreted

SWISS:

Q30KQ9

Gene ID:

245913

Database links:

[Entrez Gene: 245913](#) Human

[SwissProt: Q30KQ9](#) Human

[Unigene: 571093](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.