



Rabbit Anti-Cecropin antibody

SL2232R

Product Name:	Cecropin
Chinese Name:	杀菌肽/天蚕抗菌肽抗体
Alias:	Cecropin
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Hyalophora cecroa,Silkworm
Applications:	ELISA=1:500-1000IHC-P=1:400-800IF=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:	4.6kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Hyalophora cecropia:1-37/41
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:	Cecropins are produced by insects, particularly under conditions of infection. Cecropins are bioactive peptides that exhibit activities by interacting with membranes and forming transmembrane channels that allow the free flow of electrolytes, metabolites and water across the phospholipid bilayers. Cecropins A, B and D are close homologues consisting of 35-39 residues. They are found in the pupae of the cecropin moth, but

related homologues named lepodopteran, bactericidin, moricin and sarcotoxin are produced by other insects.

Subcellular Location:

Secreted

SWISS:

N/A

Gene ID:

N/A

Database links:

GenBank: AAP93872.1

Important Note:

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

Cecropin抗菌肽又称天蚕素, 具有抗菌、抗病毒、抗Tumour等活性, 因其水溶性好, 耐高温, 是一种比较理想的抗生素代用品; 尤其是其主要抑菌机制, 可破坏The cell membrane的稳定性, 不易产生耐药性。

抗菌肽一般是小肽, 可以被动物完全消化, 不存在残留性的问题, 所以, 抗菌肽无论是作为饲料添加剂, 兽药还是人药, 都有理论上的研究价值和生产中的实际意义。