

Anti-Cecropin B antibody ab27571

5 References

Overview

Product name	Anti-Cecropin B antibody
Description	Rabbit polyclonal to Cecropin B
Host species	Rabbit
Specificity	ab27571 recognises cecropin B. The antibody may also recognize naturally occurring cecropin A.
Tested applications	Suitable for: ELISA, IP, WB
Species reactivity	Reacts with: Silk worm
Immunogen	Synthetic peptide: KWKVFKKIEK VGRNIRNGIV KAGPAIAVLG EAKAL, corresponding to amino acids 27-61 of Cecropin B modified at aa 37 from the sequence which is found in silkworm. Run BLAST with Expasy Run BLAST with NCBI

General notes

Anti-cecropin B is useful for the detection of cecropin B in various immunological assays.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 0.42% Potassium phosphate, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
Purity	Protein A purified
Purification notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using cecropin B coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum and purified and partially purified cecropin B. Reactivity against other forms of

cecropins has not yet been determined.

Primary antibody notes

Anti-cecropin B is useful for the detection of cecropin B in various immunological assays.

Clonality

Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab27571 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

Target

Relevance

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 lepidopteran, bactericidin, moricin and sarcotoxin are produced by other insects.

Cellular localization

Secreted

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