



Rabbit Anti-CCAP antibody

SL9859R

Product Name:	CCAP
Chinese Name:	心动加速蛋白多肽抗体
Alias:	Cardioacceleratory peptide 2a; CCAP; CG4910; Crustacean cardioactive peptide; DmCCAP; CCAP_DROME.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Fruit Fly,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	12kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Fruit fly Cardioactive Peptide:31-130/151
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:	Cardioactive peptide (CCAP) is a cardioregulatory neurohormone that increases heart beat rate during adult wing inflation. This protein has no effect on beat amplitude. The effect of cardioactive peptide is both ino- and conotrophic. Cardioactive peptide has tissue specificity within the central nervous system and most neurons exhibit coexpression with burs.

Function:

Cardioregulatory neurohormone that increases heart beat rate during adult wing inflation; has no effect on beat amplitude. The effect of CCAP is both ino- and chronotropic.

Subcellular Location:

Secreted.

Tissue Specificity:

Central nervous system; most neurons exhibit coexpression with burs.

SWISS:

Q9VCW0

Gene ID:

42683

Database links:

[Entrez Gene: 42683](#)Fruit fly (Drosophila melanogaster)

[SwissProt: Q9VCW0](#)Fruit fly (Drosophila melanogaster)

[Unigene: 31330](#)Fruit fly (Drosophila melanogaster)

Important Note:

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