

Anti-CCAP(Cardioactive peptide) Polyclonal Antibody

Cat. #: 60C069

Description:

CCAP(Cardioactive peptide) is a cardioregulatory neurohormone that increases heart beat rate during adult wing inflation. The Cardioactive peptide has no effect on beat amplitude. The effect of CCAP is both ino- and chronotropic. CCAP has the tissue specificity in central nervous system and most neurons exhibit coexpression with burs.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of fruit fly (*Drosophila melanogaster*) CCAP(Cardioactive peptide precursor)

References

Dewey,E.M., et al, *Curr. Biol.* 14 (13), 1208-1213 (2004)

Park,D., et al, *Dev. Biol.* 269 (1), 95-108 (2004)

Johnson,E.C., et al, *J. Exp. Biol.* 207 (PT 5), 743-748 (2004)

Hewes,R.S., et al, *Development* 130 (9), 1771-1781 (2003)

Cazzamali,G., et al, *Biochem. Biophys. Res. Commun.* 303 (1), 146-152 (2003)

Cazzamali,G. et al, *Proc. Natl. Acad. Sci. U.S.A.* 99 (19), 12073-12078 (2002)

Clone Number:

Isotype:

Species: fruit fly (*Drosophila melanogaster*)

Storage and Stability: at -20°C

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1 µg/ml for 2hrs)