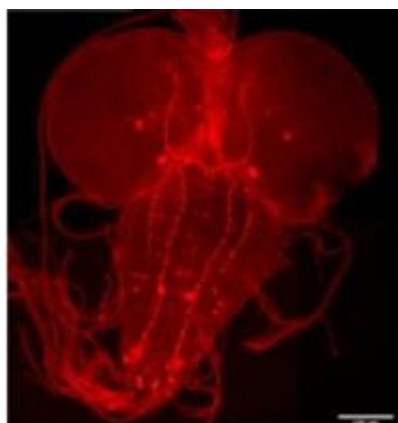


**A-AST antibody**  
**anti A-Allatostatin**  
**Rabbit, Polyclonal**

Cat. No.	Amount
<b>orb97729</b>	100 µl

For *in vitro* use only  
Quality guaranteed for 12 months  
Store at -20°C

**Avoid freeze / thaw cycles**



**Fig.: 1**  
Example for the specificity of the A-AST-serum. Note the allatostatin immunoreactive neurons in the central nervous system of *Drosophila melanogaster* (third larval stage).

**Form**

Liquid. Supplied as serum, preserved in glycerol (50% saturation)

**Application**

Anti A-Allatostatin can be used for ELISA and Immunocytochemistry.

**Description**

The anti-allatostatin serum was raised against the *Diploptera punctata* A-type Dip-allatostatin I, APSGAQRLYGFGL amide, coupled to bovine thyroglobulin using glutaraldehyde (Viztum et.al. 1996) and that previously has been used to localize A-ASTs in insect, crustacean and spider nervous systems

**Specificity**

The Dip-AST serum displays no cross-reactivity with corazonin, CCAP, FMRF amide, leucomyosuppression, locustatachykinin II, M1, perisulfakinin, and proctolin as tested by non-competitive ELISA. These antiserum recognized all A-ASTs that share a -YXFGLamide core.



**Tel:** +44-1223-859-353    **Fax:** +44-1223-280-240  
**Email:** info@biorbyt.com    **VAT Nr.:** GB 991815777

**Biorbyt Ltd**  
5 Orwell Furlong, Cambridge, CB4 0WY, United Kingdom  
Company No. 7479871, registered in England and Wales



**Tel:** +1-415-906-5211    **Fax:** +1-415-651-8558  
**Email:** info@biorbyt.com    **EIN:** 33-1226022

**Biorbyt LLC**  
220 Montgomery Street, Suite 810  
San Francisco, CA, 94104, United States

