

PVK antibody
anti Periviscerokinin
Rabbit, Polyclonal

Cat. No.	Amount
orb97731	100 µl

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

Avoid freeze / thaw cycles



Fig.: 2

Example for the specificity of the anti-periviscerokinin-serum. Note the immunoreactive neurons in the ventral nerve cord of larval *Drosophila melanogaster*.

Form

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

Application

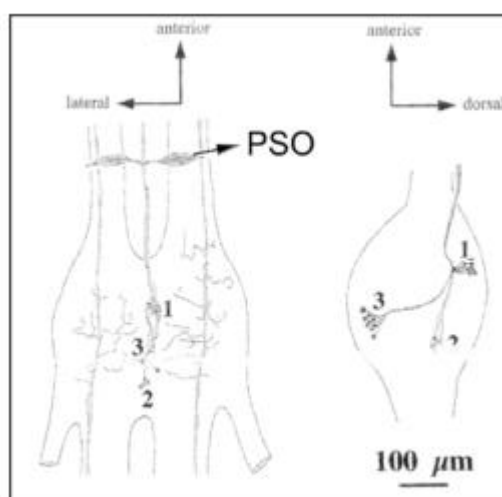
Anti-Periviscerokinin can be used for ELISA and Immunocytochemistry.

Description

The anti-periviscerokinin serum was raised against the *Periplaneta americana* periviscerokinin-1 (Predel et.al. 1995), GASGLIPVMRNamide (PVK-1), coupled to bovine thyroglobulin using glutaraldehyde. PVK-1 is one of 24 different neuropeptides of the FMR Famide gene (Predel et.al. 2004).

Specificity

In agreement with the mass spectrometric methods (Predel et al.2004) revealed immunocytochemical methods a tagma specific distribution of periviscerokinin-1-immunoreactivity exclusively in the abdominal perisymphatic organs but never in thoracic PSO or the retrocerebral complex of *Periplaneta americana* (Fig 1: PSO of third abdominal ganglia). In the contrary a anti-PVK-1-immunoreactivity is displayed in the thoracic PSOs of the ventral nerve cord from larval *Drosophila melanogaster* (Fig 2).



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