

Head-Peptide antibody Rabbit, Polyclonal

Cat. No.	Amount
orb97726	20 µl

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

Avoid freeze / thaw cycles

Form

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

Application

Anti -Head-Peptide can be used for ELISA and Immunocytochemistry.

Description

The anti-head peptide serum was raised against the *Periplaneta americana* midgut neuropeptide, ANRSPSLRLRLRFamide, coupled to bovine thyroglobulin using glutaraldehyde.

Specificity

Antisera to FMRFamide often only need the last two amino acids (RFamide) for recognition. In insects the FMRFamide-related peptides (FaRPs) are grouped into different families, which are expressed from different precursor genes: the FMRFamides), the myosuppressins, the sulfakinins and the head peptides. A crossreactivity of the anti-head peptide serum to the other FaRPs is visible, but the pattern of the head peptide immunoreactivity from brain, ventral nerve cord, midgut and antenna-heart is different to tested RF-amide sera (FMRFamide, anti-Perisulfakinin).



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