

Product datasheet for **TA364246**

(Tyr1)-Adipokinetic Hormone I Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against [Tyr 1]- Adipokinetic Hormone I. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Tyr-Leu-Asn-Phe-Thr-Pro-Asn-Trp-Gly-Thr-NH ₂ coupled to a carrier protein.
Formulation:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Database Link:	P55319
Background:	Adipokinetic hormone (AKH) is a short peptide hormone that has been studied in insects. It is a lipid mobilising hormone and is responsible for regulating fuel transport in the haemolymph, for redirecting energy to other processes as required by the insect. AKH was initially discovered in the locusts <i>Locusta migratoria</i> and <i>Schistocerca gregaria</i> and is generally associated with aiding flight. This antibody was generated by immunization of rabbits with [Tyr 1]-Adipokinetic Hormone I coupled to a carrier protein.



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