

## Product datasheet for **TA364390**

### **GAL Guinea Pig Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA
<b>Recommended Dilution:</b>	This antibody has been tested and validated in ELISA against Galanin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
<b>Reactivity:</b>	Porcine
<b>Host:</b>	Guinea Pig
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide H-Gly-Trp-Thr-Leu-Asn-Ser-Ala-Gly-Tyr-Leu-Leu-Gly- Pro-His-Ala-Ile-Asp-Asn-His-Arg-Ser-Phe-His-Asp-Lys-Tyr-Gly-Leu-Ala- NH <sub>2</sub> coupled to carrier protein.
<b>Formulation:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
<b>Concentration:</b>	N/A
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	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.
<b>Database Link:</b>	<a href="#">P07480</a>
<b>Background:</b>	Galanin is a 39 amino acid neuropeptide produced from the cleavage of the 123 amino acid preprogalanin (encoded by GAL gene). It is an inhibitory, hyperpolarizing neuropeptide and as such inhibits neurotransmitter release. Galanin signaling occurs through three G protein-coupled receptors and it is widely expressed in the brain, spinal cord, and gut of humans as well as other mammals. Galanin has been implicated in biological functions such as nociception, waking and sleep regulation, cognition, feeding, regulation of mood, and regulation of blood pressure, This antibody was generated by immunization of guinea pigs with Galanin coupled to a carrier protein.
<b>Synonyms:</b>	GAL1; galanin; GALN; GLNN; GMAP; MGC40167



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