Product datasheet for TA364095

GAL Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	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.
Reactivity:	Porcine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	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- NH2 coupled to 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:	P07480
Background:	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 rabbits with Galanin coupled to a carrier protein.
Synonyms:	GAL1; galanin; GALN; GLNN; GMAP; MGC40167

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