BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Galanin

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4330 (Lot A17602)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
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.
Protein database:	n/a

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against Galanin. Other applications like FACS or Western Blot may work as well.
Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:
Frozen sections: not tested yet.
Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

Related Products:

T-4328: anti Galanin (po), diluted antiserum
T-4329: anti Galanin (po), purified IgG
T-5035: anti Galanin (po), diluted antiserum, host: Guinea pig
T-5036: anti Galanin (po), neat antiserum, host: Guinea pig

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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