BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Spexin

Spexin also, also known as neuropeptide Q, is a 14-amino acid neuropeptide playing a role as a central modulator of cardiovascular and renal function and nociception. It has also an emerging role in metabolic diseases such as obesity and diabetes via involvement in energy homeostasis and food intake. Inhibits adrenocortical cell proliferation with minor stimulation on corticosteroid release.

This antibody was generated by immunization of rabbits with Spexin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4858 (Lot A01986)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml of distilled water.
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-Ans-Trp-Thr-Pro-Gln-Ala-Met-Leu-Tyr-Leu-Lys-Gly-Thr-Gln-OH coupled to a carrier protein.
Protein database:	human-Q9BT56

Cross-Reactivity:

PEPTIDE:	%:
Spexin	100

Crossreactivity taken from Enzyme immunoassay application.

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Applications:

Tested in ELISA against Spexin and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Approximate working dilution for IHC:
Paraffin sections: (1:800); pretreatment with Proteinase K for antigen retrieval is recommended.

Optimal dilutions should be determined by the end user.

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

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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