BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Liraglutide

Liraglutide is an acylated Glucagon-like Peptide-1 (GLP-1) agonist, derived from human GLP-1 (7-37), a less common form of endogenous GLP-1. It reduces meal-related hyperglycemia, delaying gastric emptying, and suppressing prandial glucagon secretion. Liraglutide is marketed under the brand names Victoza®, Saxenda® as medications used for diabetes management and obesity.

The prolonged action of Liraglutide (as compared to endogenous GLP-1) is achieved by attaching a fatty acid molecule at one position of the GLP-1(7-37) molecule, enabling it to both self-associate and bind to albumin within the subcutaneous tissue and bloodstream. The active GLP-1 is then released from albumin at a slow, consistent rate.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4880 (Lot A18PO21140)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human, Mouse, Rat, Porcine, Bovine, Chicken, Vertebrate, Monkey, Rabbit, Others
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), 6mg/ml bovine serum albumin (BSA) as a stabilizer, and 0.05% (w/v) ProClin™150 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-His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-(γ -Glu-palmitoyl)-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH coupled to a carrier protein.
Protein database:	n/a

©2024 BMA BIOMEDICALS, Rheinstrasse 28-32, CH-4302 Augst, Switzerland
Phone: +41 61 811 6222, Email: info@bma.ch, www.bma.ch

Cross-Reactivity:

PEPTIDE:	%:
Liraglutide	100

Applications:

Tested in ELISA against Liraglutide 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

Related Products:

S-1502: ELISA, high sensitivity for extracted samples

This product contains ProClin™150 as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

©2024 BMA BIOMEDICALS, Rheinstrasse 28-32, CH-4302 Augst, Switzerland
Phone: +41 61 811 6222, Email: info@bma.ch, www.bma.ch