BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Glucagon-Like Peptide 1 (GLP-1) (7-36) amide

Glucagon-Like Peptide 1 (GLP-1) (7-36) amide is an incretin hormone that causes the glucose dependent release of insulin by pancreatic beta cells. It is the cleavage product of GLP-1 (1-36) amide peptide. GLP-1 is involved in gastric motility, the suppression of plasma glucagon levels, and possibly in the promotion of satiety and stimulation of glucose disposal in peripheral tissues, independent of the actions of insulin.

This antibody was generated by immunization of rabbits with Glucagon-Like Peptide 1 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4057 (Lot A18PO2163)
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-His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-NH2 coupled to carrier protein.
Protein database:	n/a

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against Glucagon-Like Peptide 1. 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:

S-1359: ELISA, extraction-free for human samples
S-1141: ELISA, high sensitivity for extracted samples
S-1360: ELISA, extraction-free for rat samples
T-4111: anti GLP-1 (7-36),purified IgG
T-4056: anti GLP-1 (7-36), diluted antiserum

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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