



BMA BIOMEDICALS



Peninsula Laboratories

T-4056

Rabbit anti Glucagon-Like Peptide 1 (GLP-1) (7-36) amide (human, bovine, guinea pig, mouse, rat) [UniProt: P01275, P01272, P01274, P55095, P32301]

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

Lot number:	A09928
Host species:	Rabbit IgG
Quantity:	50ml
Format:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
Stability:	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.
Applications:	This antibody has been tested and validated in ELISA against GLP-1. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
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-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE	%
GLP-1 amide (7-36) (human, bovine, guinea pig, mouse, rat)	100
GLP-1 (7-37) (human)	0.4
GLP-1 (human)	0.2
GLP-2 (human)	0
Glucagon (1-29) (human)	0
Insulin (human)	0
GIP (human)	0
Secretin (human)	0
VIP (human, bovine, porcine, rat)	0

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-4057: anti GLP-1 (7-36), neat antiserum

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4056

diluted antiserum

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