

Product datasheet for **TA364338**

Exendin-4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Exendin- 4. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys- Gln-Met-Glu-GluGlu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly- Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂ coupled to a carrier protein.
Formulation:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	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.
Background:	Exendin-4 is a 39 amino acid peptide amide known to be a long-acting agonist of the glucagon-like peptide 1 receptor (GLP-1). It is involved in glucose-dependent enhancement of insulin secretion, reduction of hyperglycemia, and glucose- dependent suppression of high glucagon secretion. Exendin-4 is used as active component of Byetta® (exenatide) injection, which may improve glycemic control in people with type 2 diabetes mellitus. This antibody was generated by immunization of rabbits with Exendin-4 coupled to a carrier protein.



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