



## Rabbit Anti-Pramlintide antibody

SL37039R

<b>Product Name:</b>	Pramlintide
<b>Chinese Name:</b>	普兰林肽<降血糖药>抗体
<b>Alias:</b>	Symlin; Pramlintideacetate; Pramlintide, Acetate; 151126-32-8;
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Pramlintide
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	3.951kDa
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/1ml
<b>immunogen:</b>	KLH conjugated synthetic peptide of Pramlintide:
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Pramlintide is an analogue of amylin, a small peptide hormone that is released into the bloodstream by the $\beta$ cells of the pancreas along with insulin after a meal. Like insulin, amylin is completely absent in individuals with Type I diabetes. In synergy with endogenous amylin, pramlintide aids in the regulation of blood glucose by slowing gastric emptying, promoting satiety via hypothalamic receptors (different receptors than for GLP-1), and inhibiting inappropriate secretion of glucagon, a catabolic hormone that opposes the effects of insulin and amylin. Pramlintide also has effects in raising the

acute first-phase insulin response threshold following a meal. Both a reduction in glycated hemoglobin and weight loss have been shown in insulin-treated patients with type 2 diabetes taking pramlintide as an adjunctive therapy.

**SWISS:**

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**CAS:**

151126-32-8

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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