

## Product datasheet for **AP02083SU-S**

### Insulin (INS) (57-87) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, R, WB
Recommended Dilution:	<b>RIA:</b> 1/2000. <b>ELISA:</b> 1/8000. <b>Western blot:</b> 1/100. <b>Immunocytochemistry:</b> 1/100-1/200. <b>Immunohistochemistry on Frozen Sections:</b> 1/100. <b>Immunohistochemistry on Paraffin Sections:</b> 1/2000. Retrieve antigen by heating paraffin sections in citrate buffer pH 6.0.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic Human C-Peptide (Insulin aa 57-87).
Specificity:	This antibody recognizes Human and Mouse C-Peptide.
Formulation:	State: Serum State: Lyophilized Crude Serum.
Reconstitution Method:	Restore with aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	insulin
Database Link:	<a href="#">Entrez Gene 3630 Human P01308</a>



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**Background:** C-Peptide is part of the molecule of Proinsulin, that consists of three parts: C Peptide and two long strands of amino acids (called the alpha and beta chains) that later become linked together to form the insulin molecule. From every molecule of proinsulin, one molecule of insulin plus one molecule of C Peptide are produced C Peptide is released into the bloodstream in equal amounts to insulin. A test of C Peptide levels will show how much insulin the body is making.

**Synonyms:** INS

**Note:** GENE ID: 3630