

## Product datasheet for **AP02066SU-S**

### **CGRP (CALCB) Goat Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	R
Recommended Dilution:	<b>RIA</b> (1/3,000).
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic Human Calcitonin Gene-related Peptide 2, bTG-conjugated
Specificity:	This antibody detects Calcitonin Gene-related Peptide. There were no cross reactivities obtained with Human and Salmon Katalcalcin and Calcitonin.
Formulation:	State: Serum State: Lyophilized serum
Reconstitution Method:	Restore in 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:	calcitonin related polypeptide beta
Database Link:	<a href="#">Entrez Gene 797 Human P10092</a>
Background:	CGRP is present in C-cells of the thyroid and in central and peripheral nerves. CGRP has several important physiologic roles: it is a potent vasodilator, and can affect the force and rate of heart beat; it can modulate acetylcholine receptor function at the neuromuscular junction; it has been demonstrated to block tolerance to morphine; and it can modulate antigen presentation in Langerhans cells in the skin. Despite these important physiologic functions, therapeutic strategies using CGRP have been impeded due to the lack of a cloned CGRP receptor with which ligands could be developed.



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**Synonyms:** Calcitonin gene-related peptide 2, Beta-type CGRP, CALC2

**Note:** LocusID: 797