

Product datasheet for **TA364040**

Calcitonin (CALCA) Rabbit Polyclonal Antibody

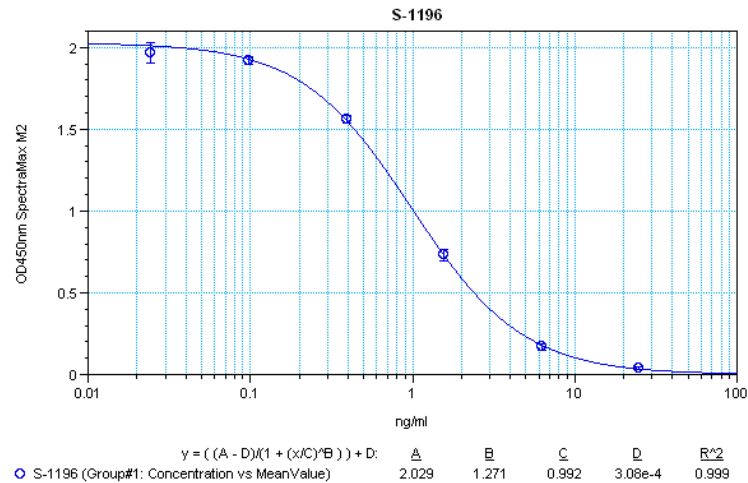
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Calcitonin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Cys-Gly-Asn-Leu-Ser-Thr-Cys-Met-Leu-Gly-Thr-Tyr- Thr-Gln-Asp-Phe-Asn-Lys-Phe-His-Thr-Phe-Pro-Gln-Thr-Ala-Ile-Gly-Val- Gly-Ala-Pro-NH ₂ , (Disulfide bond) coupled to carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
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.
Gene Name:	calcitonin related polypeptide alpha
Database Link:	Entrez Gene 796 Human P06881
Background:	Calcitonin gene-related peptide (CGRP) is a member of the calcitonin family of peptides, which in human exists in two forms: α-CGRP and β-CGRP. α-CGRP, also known as CGRP I, is a 37-amino acid regulatory neuropeptide formed from the alternative splicing of the calcitonin/CGRP gene located on chromosome 11. While, β-CGRP differs from α-CGRP by three amino acids and is encoded in a separate gene within the same vicinity. α-CGRP is widely distributed in the central and peripheral nervous system and it is known to be the most potent vasodilator with inotropic and chronotropic effects. This antibody was generated by immunization of rabbits with Calcitonin coupled to a carrier protein.
Synonyms:	CALC1; CGRP; CGRP-I; CGRP1; CT; katalcalcin; KC; MGC126648; PCT; Procalcitonin



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Product images:



Typical titration curve of Calcitonin in a competitive ELISA with this antibody