

Product datasheet for **EUD6401**

Calcitonin (CALCA) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	Immunohistochemistry on Paraffin Embedded or Frozen Tissue Sections. Immunofluorescence Microscopy: Dilute 1/800-1/1200 Using FITC with overnight incubation at 2-8°C. <i>Recommended Positive Control:</i> Frozen sections of Rat colon.
Reactivity:	Human, Mouse, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic Calcitonin Gene Related Peptide (Peninsula), conjugated to BSA.
Specificity:	This antibody reacts with Calcitonin gene-related peptide (CGRP). Absorption with 10-100 µg CGRP per ml diluted antiserum abolishes the staining while Calcitonin does not. It does not cross-react with Amylin (IAPP).
Formulation:	State: Serum State: Lyophilized undiluted Serum
Reconstitution Method:	Restore in 100 µl distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	calcitonin related polypeptide alpha
Database Link:	Entrez Gene 796 Human P06881



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- Background:** The CGRP-sequence was predicted from the corresponding mRNA. CGRP is present in the C-cells of the thyroid and in nerves, in both brain and periphery, particularly within the sensory system. CGRP is a potent vasodilator, probably involved in neurogenic inflammation. Medullary carcinomas of the thyroid contain large amounts of CGRP.
- Synonyms:** Calcitonin gene-related peptide I, Alpha-type CGRP, CALC1, CGRP-I