

Product datasheet for EUD4701

Calcitonin (CALCA) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunofluorescence. Immunohistochemistry on Paraffin and Frozen Sections. <i>Working Dilutions:</i> 1/1000-1/1200 for Immunofluorescence microscopy with overnight incubation at 2-8°C.
Reactivity:	Human, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic Human CGRP (Peninsula)
Specificity:	Absorption with 10-100 µg CGRP per ml diluted antiserum abolishes the staining, while while calcitonin does not. Cross-reacts with amylin (IAPP).
Formulation:	State: Serum State: Lyophilized Serum
Reconstitution Method:	Dissolve the antiserum in 50-100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.09 Sodium Azide.
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
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.



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Synonyms: Calcitonin gene-related peptide I, Alpha-type CGRP, CALC1, CGRP-I