

Rabbit Calcitonin Polyclonal Antibody | anti-CALCA antibody

Calcitonin

CATALOG # AAA59426	HOST Rabbit	REACTIVITY Human, Dog, Cat
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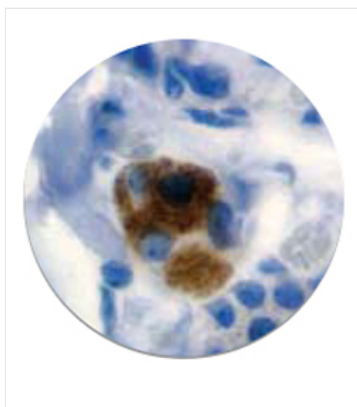
PRODUCT SYNONYMS

Calcitonin; Polyclonal Antibody; anti-CALCA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Dog, Cat
Clonality	Polyclonal
Isotype	IgG
Form/Format	Calcitonin is a purified immunoglobulin fraction of rabbit antiserum that is filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative
Control	Thyroid, Medullary Carcinoma of Thyroid
Localization	Cytoplasmic
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:250-1:1000	0.1 ml
Concentrated	1:250-1:1000	0.5 ml
Concentrated	1:250-1:1000	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CALCA antibody

Calcitonin is a 32-amino acid polypeptide hormone that is produced in humans primarily by C-cells located in the thyroid, and in many other animals in the ultimobranchial gland. It acts to reduce blood calcium (Ca^{2+}), opposing the effects of parathyroid hormone (PTH). It has been found in fish, reptiles, birds, and mammals. Its importance in humans has not been as well established as in other animals. Immunohistochemical staining with Calcitonin antibody has proven to be an effective way of demonstrating the existence of Calcitonin-producing cells in the thyroid. C-cell Hyperplasia and Medullary Thyroid Carcinomas stain positive for Calcitonin. Studies of Calcitonin have resulted in the identification of a wide spectrum of C-cell proliferative abnormalities.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29608
NCBI GeneID	796
NCBI Accession #	CAA26189.1
NCBI GenBank Nucleotide #	X02330.1
UniProt Accession #	P01258; Q13935; Q13937; Q52LX7; B7ZL39; P06881
Molecular Weight	15,466 Da
NCBI Official Full Name	calcitonin
NCBI Official Synonym Full Names	calcitonin-related polypeptide alpha
NCBI Official Symbol	CALCA
NCBI Official Synonym Symbols	CT; KC; CGRP; CALC1; CGRP1; CGRP-I; MGC126648
NCBI Protein Information	calcitonin; calcitonin gene-related peptide 1; katalcalcin; calcitonin 1; alpha-type CGRP; OTTHUMP00000216318; OTTHUMP00000216319; OTTHUMP00000216320; OTTHUMP00000216321; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha
UniProt Protein Name	Calcitonin
UniProt Gene Name	CALCA
UniProt Synonym Gene Names	CALC1
UniProt Entry Name	CALC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/calcitonin-antibody-elisa/59426>