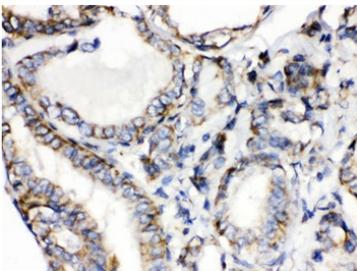


CGRP Antibody / CALCA / Calcitonin (R32377)

Catalog No.	Formulation	Size
R32377	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P06881
Localization	Cytoplasmic
Applications	IHC (FFPE) : 0.5-1ug/ml
Limitations	This CGRP antibody is available for research use only.



IHC testing of FFPE human thyroid cancer tissue with CGRP antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to testing.

Description

Calcitonin gene-related peptide 1, also known as CALCA, is a peptide hormone synthesized by the parafollicular cells of the thyroid. It is mapped to 11p15.2. Calcitonin belongs to the calcitonin-like protein family. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the CGRP antibody should be determined by the researcher.

Immunogen

Amino acids ACDTATCVTHRLAGLLSRSGGVVKNNFVPTNVGSKAF were used as the immunogen for the CGRP antibody.

Storage

After reconstitution, the CGRP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.