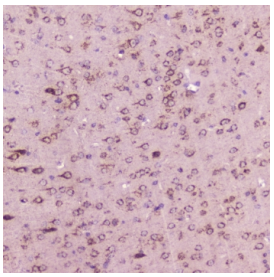
Calcitonin Rabbit Polyclonal Antibody (RQ4462)

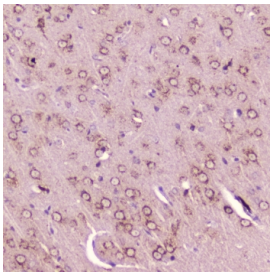
Catalog No.	Formulation	Size
RQ4462	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P70160
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Calcitonin Rabbit Polyclonal Antibody is available for research use only.



Calcitonin Rabbit Polyclonal Antibody Immunohistochemistry. IHC testing of FFPE mouse brain with Calcitonin antibody at 2ug/ml. HIER: steamed antigen retrieval with pH6 citrate buffer.



IHC testing of FFPE rat brain with Calcitonin antibody at 2ug/ml. HIER: steamed antigen retrieval with pH6 citrate buffer.

Description

Calcitonin, 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.

For a monoclonal reagent targeting a distinct CALCA-derived peptide product, see our Calcitonin Antibody CALCA/3310 / CALCA Antibody page.

Application Notes

Optimal dilution of the Calcitonin Rabbit Polyclonal Antibody should be determined by the researcher.

Immunogen

Amino acids CGNLSTCMLGTYTQDLNKFHTFPQTSIGVEAP were used as the immunogen for the Calcitonin antibody.

Storage

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

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