

Datasheet for ABIN213557

**anti-Calcitonin Receptor antibody (C-Term)****2** Images**1** Publication[Go to Product page](#)

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 50 µg   |
| Target:              | Calcitonin Receptor (CALCR)   |
| Binding Specificity: | C-Term  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This Calcitonin Receptor antibody is un-conjugated  |
| Application:         | ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections)<br>(IHC (p)) |

## Product Details

|                       |  |
|-----------------------|--|
| Brand:                | IHC-plus™  |
| Immunogen:            | Synthetic 19 amino acid peptide from C-terminal cytoplasmic domain of human Calcitonin Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla (100%), Gibbon, Monkey (95%), Marmoset, Dog, Panda, Guinea pig (84%).<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:          | Human Calcitonin Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.   |
| Predicted Reactivity: | Percent identity with other species by BLAST analysis: Human, Gorilla (100%) Gibbon, Monkey (95%) Marmoset, Dog, Panda, Guinea pig (84%).  |

## Product Details

Purification: Immunoaffinity purified

## Target Details

Target: Calcitonin Receptor (CALCR)

Alternative Name: CALCR / Calcitonin Receptor ([CALCR Products](#))

Background: Name/Gene ID: CALCR

Subfamily: Calcitonin

Family: GPCR

Synonyms: CALCR, Calcitonin receptor, CRT, CT-R, CTR, CT receptor

Gene ID: 799

Pathways: [cAMP Metabolic Process](#)

## Application Details

Application Notes: Approved: ELISA, IHC, IHC-P (20 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 20 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, less than 0.1 % sodium azide.

Preservative: Sodium azide

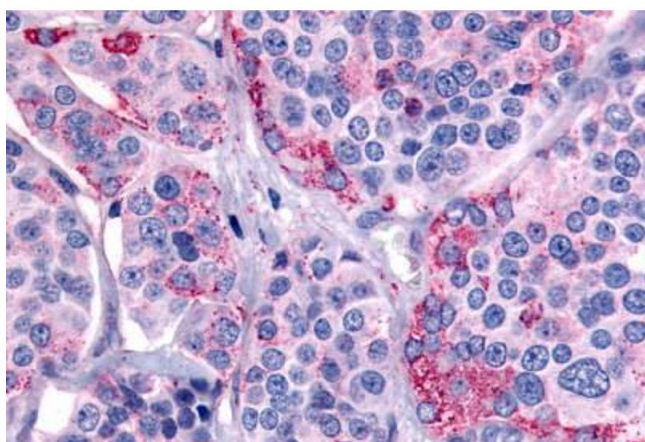
## Handling

|                    |   |
|--------------------|---|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                      |
| Storage:           | 4 °C, -20 °C  |
| Storage Comment:   | Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles. |
| Expiry Date:       | 12 months   |

## Publications

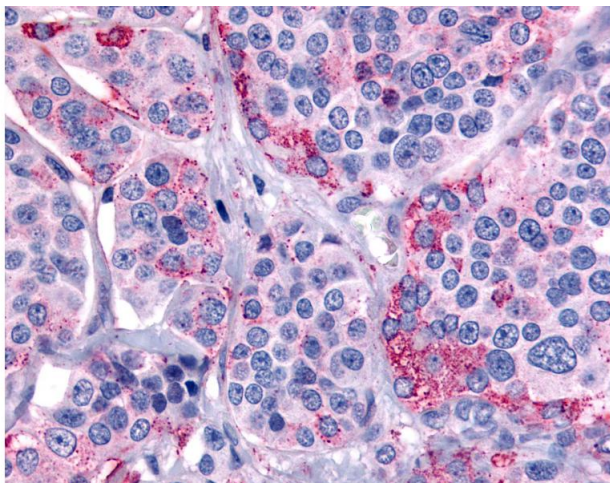
|                   |   |
|-------------------|---|
| Product cited in: | Tur, Etschmann, Benz, Leich, Waller, Schuh, Rosenwald, Ertl, Kienitz, Haaf, Bräuninger, Gattenlöhner: "The 140-kD isoform of CD56 (NCAM1) directs the molecular pathogenesis of ischemic cardiomyopathy." in: <b>The American journal of pathology</b> , Vol. 182, Issue 4, pp. 1205-18, (2013) ( <a href="#">PubMed</a> ). |
|-------------------|---|

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Thyroid, Medullary Carcinoma (formalin-fixed, paraffin-embedded) stained with CALCR antibody ABIN213557 at 20 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-CALCR / Calcitonin Receptor antibody IHC of human Thyroid, Medullary Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.