

Datasheet for ABIN7042978

anti-Calcitonin Receptor antibody (1st Extracellular Loop)[Go to Product page](#)**2** Images

Overview

Quantity:	25 µL
Target:	Calcitonin Receptor (CALCR)
Binding Specificity:	1st Extracellular Loop, AA 201-215
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calcitonin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Live Cell Imaging (LCI)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)HLVEVVPNGDLVRRD, corresponding to amino acid residues 201-215 of rat CALCR
Isotype:	IgG
Characteristics:	Anti-Calcitonin Receptor (extracellular) Antibody is directed against an epitope of rat CT-R. Anti-Calcitonin Receptor Antibody (ABIN7042978, ABIN7044190 and ABIN7044191)) can be used in western blot and live cell imaging applications. It has been designed to recognize CT-R from human, rat and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

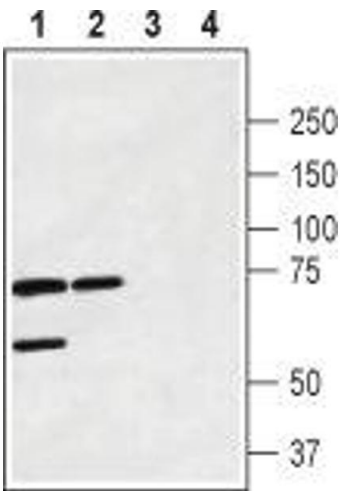
Target:	Calcitonin Receptor (CALCR)
Alternative Name:	Calcitonin Receptor (CALCR Products)
Background:	Alternative names: Calcitonin Receptor, CALCR, CT receptor, CT-R, C1A/C1B
Gene ID:	116506
NCBI Accession:	NM_001742
UniProt:	P32214
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

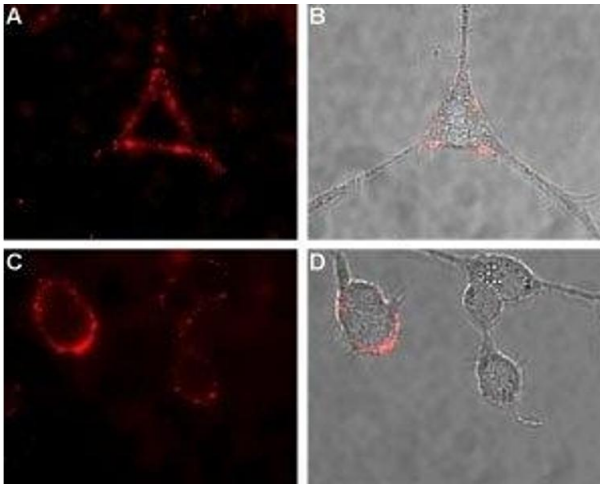
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.85 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat brain membrane (lanes 1 and 3) and mouse brain lysate (lanes 2 and 4): - 1,2. Anti-Calcitonin Receptor (extracellular) Antibody (ABIN7042978, ABIN7044190 and ABIN7044191), (1:200).3,4. Anti-Calcitonin Receptor (extracellular) Antibody, preincubated with Calcitonin Receptor (extracellular) Blocking Peptide (#BLP-CR053).



Immunocytochemistry

Image 2. Expression of CALCR in rat PC12 cells - Cell surface detection of CALCR in intact living rat pheochromocytoma (PC12) cells. A, C. Extracellular staining of cells using Anti-Calcitonin Receptor (extracellular) Antibody, (ABIN7042978, ABIN7044190 and ABIN7044191), (1:50). B, D. Merged images of A and C, each with its respective live view of the cells.