

Datasheet for ABIN7429682  
**anti-CGRP antibody (AA 1-134)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	CGRP (CALCA)
Binding Specificity:	AA 1-134
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CGRP antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Calcitonin Gene Related Peptide (CGRP)
Immunogen:	Recombinant Calcitonin Gene Related Peptide (CGRP) corresponding to Met1~Val134 (Accession # P10093)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CGRP. It has been selected for its ability to recognize CGRP in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	CGRP (CALCA)
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## Target Details

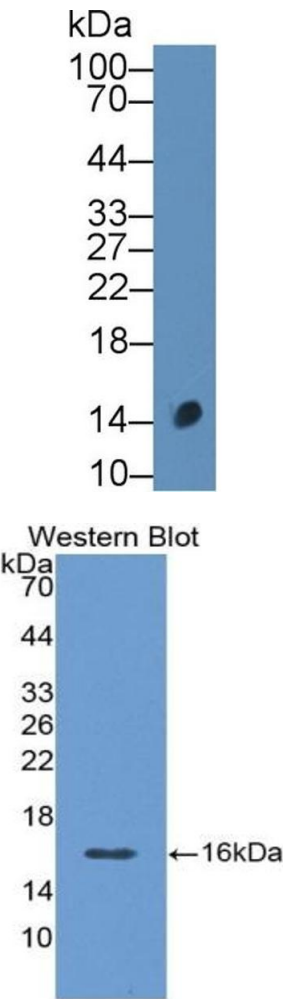
Alternative Name:	Calcitonin Gene Related Peptide ( <a href="#">CALCA Products</a> )
Background:	CALCB, CGRP2, CALC2, CGRP-II, Calcitonin Gene Related Peptide 2, Calcitonin 2, Calcitonin Related Polypeptide Beta
Pathways:	<a href="#">Hormone Activity</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Western Blotting

**Image 1.** Detection of CGRP in Rat Serum using Polyclonal Antibody to Calcitonin Gene Related Peptide (CGRP)

#### Western Blotting

**Image 2.** Detection of Recombinant CGRP, Rat using Polyclonal Antibody to Calcitonin Gene Related Peptide (CGRP)