

Datasheet for ABIN7427345  
**anti-CARTPT antibody (AA 28-129)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	CARTPT
Binding Specificity:	AA 28-129
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CARTPT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Cocaine And Amphetamine Regulated Transcript (CART)
Immunogen:	Recombinant Cocaine And Amphetamine Regulated Transcript (CART) corresponding to Gln28~Leu129 with N-terminal His and GST Tag
Clone:	C4
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against CART. It has been selected for its ability to recognize CART in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

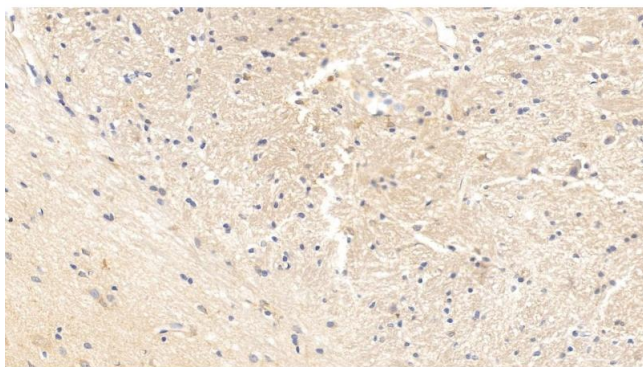
Target:	CARTPT
Alternative Name:	Cocaine And Amphetamine Regulated Transcript ( <a href="#">CARTPT Products</a> )
Background:	CARTPT
Pathways:	<a href="#">Hormone Transport</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:500-5000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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



#### Immunohistochemistry

**Image 1.** Detection of CART in Rat Cerebrum Tissue using Monoclonal Antibody to Cocaine And Amphetamine Regulated Transcript (CART)