

A5395

Leader in Biomolecular Solutions for Life Science



# CART Rabbit pAb

Catalog No.: A5395

## Basic Information

### Observed MW

13kDa

### Calculated MW

13kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse

## Background

This gene encodes a preproprotein that is proteolytically processed to generate multiple biologically active peptides. These peptides play a role in appetite, energy balance, maintenance of body weight, reward and addiction, and the stress response. Expression of a similar gene transcript in rodents is upregulated following administration of cocaine and amphetamine. Mutations in this gene are associated with susceptibility to obesity in humans.

## Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

9607

### Swiss Prot

Q16568

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CART (NP\_004282.1).

### Synonyms

CART

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

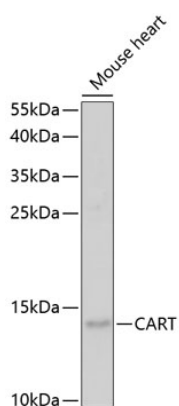
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of mouse heart, using CART antibody (A5395) at 1:1000 dilution.

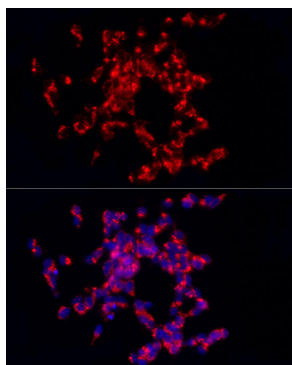
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 3min.



Immunofluorescence analysis of SH-SY5Y cells using CART Rabbit pAb (A5395) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.