

Datasheet for ABIN951048
anti-CARTPT antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	CARTPT
Binding Specificity:	AA 25-55, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 25-55 amino acids from the N-terminal region of human CARTPT
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CARTPT.
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	CARTPT
Alternative Name:	CART (CARTPT Products)

Target Details

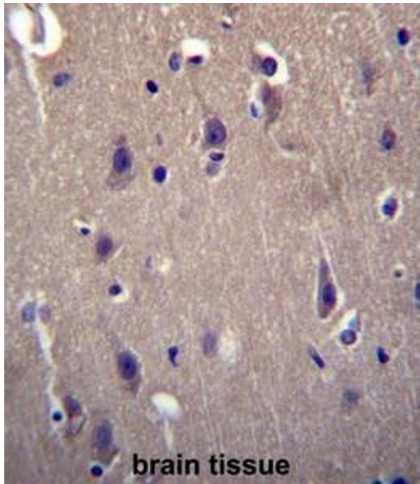
Background:	This gene encodes a secreted protein which is processed by prohormone/proprotein convertases to produce smaller, biologically active peptides. Expression of the transcript for this gene is regulated by certain drugs such as cocaine, and the encoded protein is thought to be involved in the regulation of appetite and stress. Mutations in this gene are associated with susceptibility to obesity.Synonyms: CARTPT, Cocaine- and amphetamine-regulated transcript protein
Molecular Weight:	12829 Da
Gene ID:	9607
NCBI Accession:	NP_004282
Pathways:	Hormone Transport , Negative Regulation of Hormone Secretion , Carbohydrate Homeostasis , Feeding Behaviour

Application Details

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

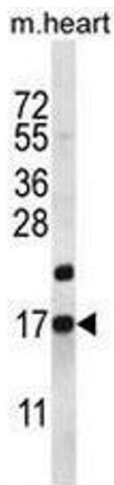
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CARTPT Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CARTPT Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. CARTPT Antibody (N-term) western blot analysis in mouse heart tissue lysates (35µg/lane). This demonstrates the CARTPT antibody detected the CARTPT protein (arrow).