

CARTPT rabbit monoclonal antibody

Catalog # H00009607-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CARTPT peptide using ARM Technology.
Immunogen	A synthetic peptide of human CARTPT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CARTPT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CARTPT

Entrez GeneID	9607
GeneBank Accession#	CARTPT
Gene Name	CARTPT
Gene Alias	CART
Gene Description	CART prepropeptide
Omim ID	601665 602606
Gene Ontology	Hyperlink
Gene Summary	CART appears to have roles in reward, feeding, and stress, and it has the functional properties of an endogenous psychostimulant (Kuhar et al., 2002 [PubMed 12147208]).[supplied by OMIM]
Other Designations	cocaine and amphetamine regulated transcript cocaine- and amphetamine-regulated transcript

Disease

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- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
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- [Cocaine-Related Disorders](#)
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- [Edema](#)
- [Genetic Predisposition to Disease](#)
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