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# CARTPT Antibody (N-term) Blocking peptide

**Synthetic peptide**
**Catalog # BP12574a**

## Specification

### CARTPT Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q16568

### CARTPT Antibody (N-term) Blocking peptide - Additional Information

**Gene ID** 9607

**Other Names**
Cocaine- and amphetamine-regulated transcript protein, CART(1-39), CART(42-89), CARTPT, CART

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### CARTPT Antibody (N-term) Blocking peptide - Protein Information

**Name** CARTPT

**Synonyms** CART

**Function**
Satiety factor closely associated with the actions of leptin and neuropeptide Y; this anorectic peptide inhibits both normal and starvation-induced feeding and completely blocks the feeding response induced by neuropeptide Y and regulated by leptin in the hypothalamus. It promotes neuronal development and survival in vitro.

**Cellular Location**
Secreted.

**Tissue Location**
Hypothalamus. Found in neurons of the ventrolateral part of the arcuate nucleus, in the external zone of the median eminence, and also found in terminals in the periventricular part of the paraventricular nucleus

### CARTPT Antibody (N-term) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

**CARTPT Antibody (N-term) Blocking peptide - Images**

**CARTPT Antibody (N-term) Blocking peptide - Background**

This gene encodes a secreted protein which is processed byprohormone/proprotein convertases to produce smaller, biologicallyactive peptides. Expression of the transcript for this gene isregulated by certain drugs such as cocaine, and the encoded proteinis thought to be involved in the regulation of appetite and stress.Mutations in this gene are associated with susceptibility toobesity.

**CARTPT Antibody (N-term) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Busto, A., et al. Prog. Neuropsychopharmacol. Biol. Psychiatry 34(6):834-836(2010)Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :Rigoli, L., et al. Acta Paediatr. 99(5):722-726(2010)Vasseur, F., et al. J. Hum. Genet. 55(4):227-231(2010)