

## CARTPT RABBIT PAB

**Cat.#:** S218081

**Product Name:** Anti-CARTPT Rabbit Polyclonal Antibody

**Synonyms:** CART

**UNIPROT ID:** Q16568 (Gene Accession - BC029882 )

**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.

**Immunogen:** Fusion protein of human CARTPT

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-100;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

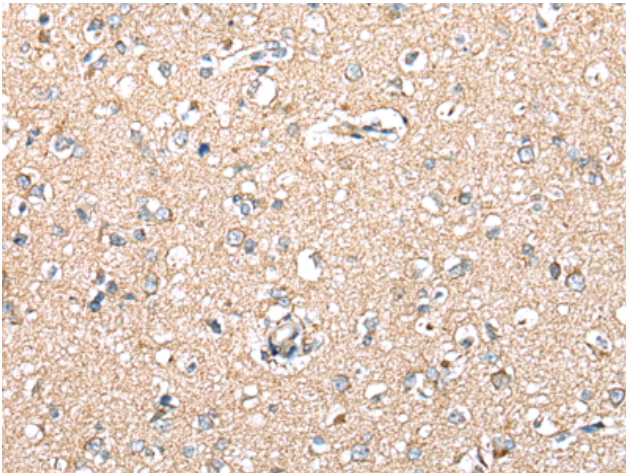
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

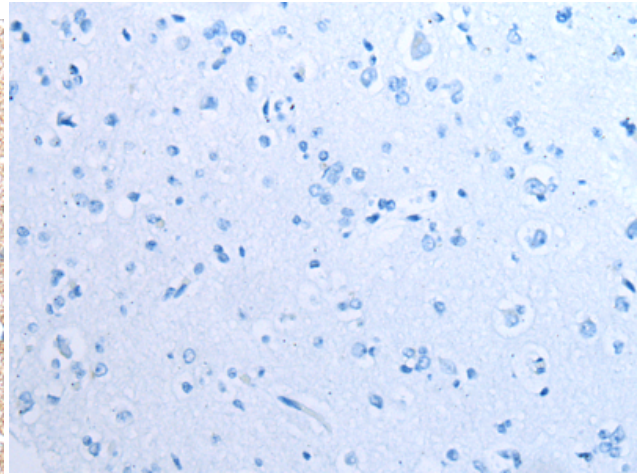
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Neuroscience

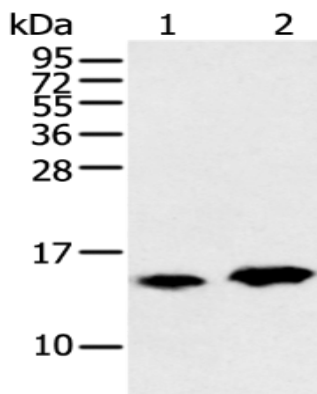
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 218081(CARTPT Antibody) at a dilution of 1/25(Secreted).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 218081(Anti-CARTPT Antibody) at dilution 1/25.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
Lane 1-2: Rat heart tissue and Mouse brain tissue ;  
Primary antibody: 218081(CARTPT Antibody) at dilution 1/350;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 10 seconds