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Product datasheet for TA369531S

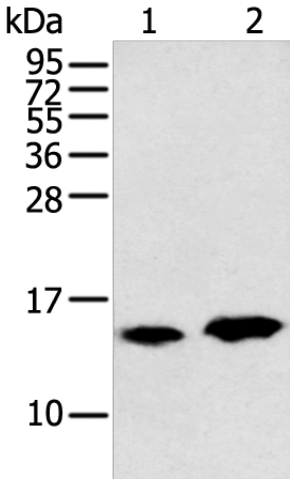
CART (CARTPT) Rabbit Polyclonal Antibody

Product data:

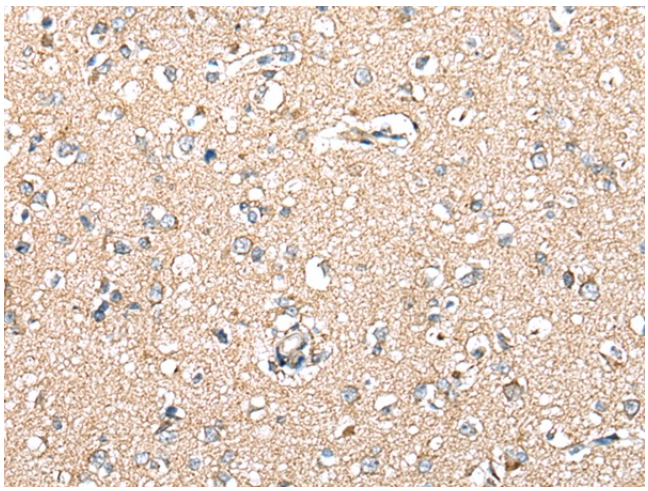
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Rat heart tissue and Mouse brain tissue IHC: 50-100 Positive control: Human brain Predicted cell location: Secreted
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CARTPT
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	13 kDa
Gene Name:	CART prepropeptide
Database Link:	Entrez Gene 9607 Human Q16568
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.
Synonyms:	CART

View online »

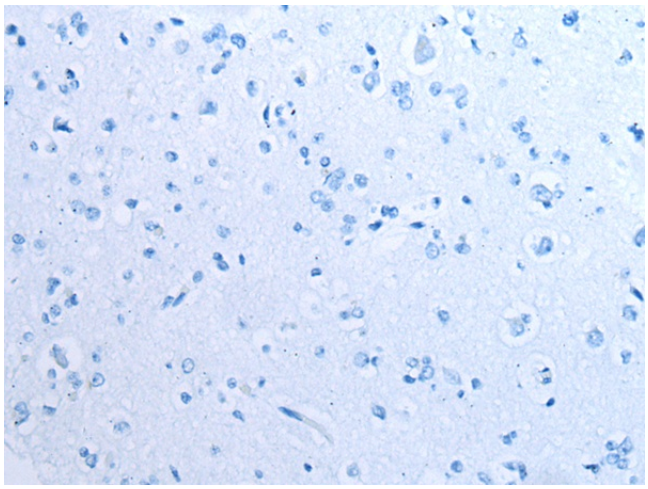
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Rat heart tissue and Mouse brain tissue
Primary antibody: [TA369531] (CARTPT Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA369531] (CARTPT Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA369531] (CARTPT Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)