

Recombinant**DGRmAb®****Choline Acetyltransferase (DGR14362) Rabbit mAb (PBS Only)****db13806-PBS****Package : 100µg****Product Name :** Choline Acetyltransferase (DGR14362) Rabbit mAb (PBS Only)**Cat.No.:** db13806-PBS**Synonyms :** CMS6; CMS1A; CMS1A2; CHOACTASE**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes an enzyme which catalyzes the biosynthesis of the neurotransmitter acetylcholine. This gene product is a characteristic feature of cholinergic neurons, and changes in these neurons may explain some of the symptoms of Alzheimer's disease. Polymorphisms in this gene have been associated with Alzheimer's disease and mild cognitive impairment. Mutations in this gene are associated with congenital myasthenic syndrome associated with episodic apnea. Multiple transcript variants encoding different isoforms have been found for this gene, and some of these variants have been shown to encode more than one isoform. [provided by RefSeq, May 2010]

Immunogen

A synthetic peptide of human Choline Acetyltransferase

Gene ID

1103

Swiss Prot

P28329

Synonyms

CMS6; CMS1A; CMS1A2; CHOACTASE

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Calculated MW

82 kDa

Observed MW

71 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14362

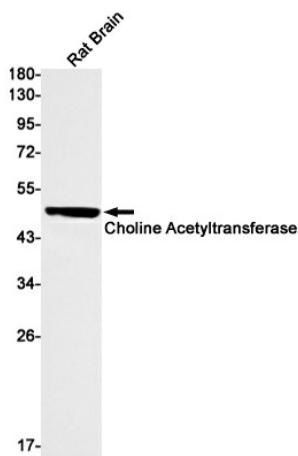
Isotype

IgG

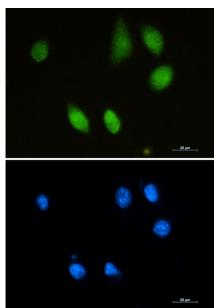
Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Choline Acetyltransferase in Rat Brain lysates using Choline Acetyltransferase antibody(1:1000 diluted).



Immunofluorescent analysis of SH-SY5Y cells using db13806 antibody (green), and DAPI (blue).