

Recombinant

DGRmAb®

**Choline Acetyltransferase (DGR14362) Rabbit mAb (PBS Only)**

db13806-PBS

Package : 10µg 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

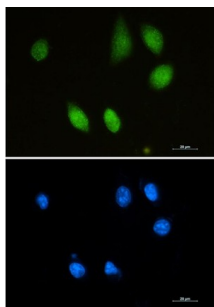
**Isotype**

IgG

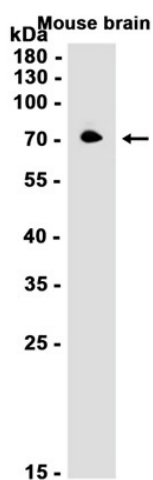
**Purity**

Affinity Purification

<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.



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



Western blot analysis of extracts from Mouse brain tissue using [db13806](#) at 1:1000.