

Choline Acetyltransferase Rabbit pAb

db3251

Package : 20μL 50μL 100μL

Product Name : Choline Acetyltransferase Rabbit pAb**Cat.No.:** db3251**Synonyms** : CMS6; CMS1A; CMS1A2; CHOACTASE**Application** : WB, IHC, 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, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

IHC: 1:20

ICC/IF: 1:20-1:50

FC: 1:20

IP: 1:20

Calculated MW

72 kDa

Observed MW

72 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.