Recombinant DGRmAb®

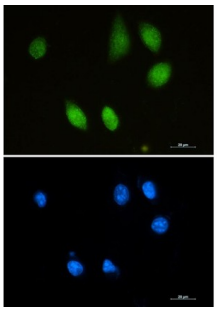
Choline Acetyltransferase (DGR14362) Rabbit mAb

db13806 **Package : 10μL 20μL 50μL 100μL**

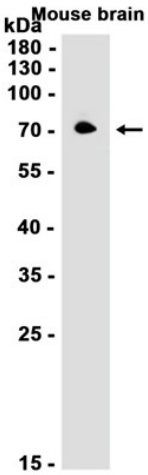
Product Name : Choline Acetyltransferase (DGR14362) Rabbit mAb
Cat.No.: db13806
Synonyms : CMS6; CMS1A; CMS1A2; CHOACTASE
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:200-1:2000 ICC/IF: 1:50-1:100 FC: 1:50-1:100 IP: 1:20-1:100
Calculated MW	82 kDa
Observed MW	71 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR14362
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.



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.