Recombinant DGRmAb®

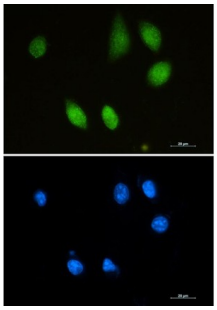
Choline Acetyltransferase (DGR14362) Rabbit mAb (PBS Only)

db13806-PBS **Package : 10μg 100μg**

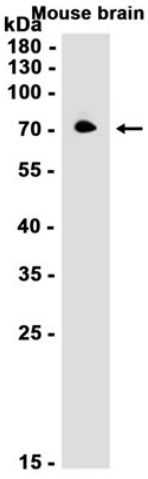
Product Name : Choline Acetyltransferase (DGR14362) Rabbit mAb (PBS Only)
Cat.No.: db13806-PBS
Synonyms : CMS6; CMS1A; CMS1A2; CHOACTASE
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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

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.



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.