

Cat. No:	AB-84238
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 331-630 of human CHAT.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot 1:1000 - 1:2000 Immunohistochemistry (paraffin-embedded tissues) 1:50 - 1:200 Immunofluorescence:: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
Molecular Weight:	71kDa
Purification:	Affinity Purified
Synonyms:	CMS6; CMS1A; CMS1A2; CHOACTASE; CHAT
Background:	<p>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.</p> <p>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.</p>
Form:	Liquid
Buffer:	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3
Storage:	Store at -20°C. Avoid freeze / thaw cycles

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