

## CHAT antibody

### Product Information

Catalog No.:	FNab10469
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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.

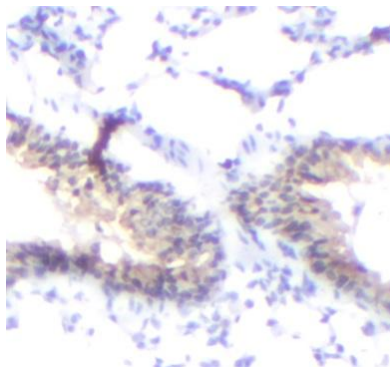
### Immunogen information

Immunogen:	choline acetyltransferase
Synonyms:	Choline O-acetyltransferase (CHOACTase, ChAT, Choline acetylase) CHAT
Observed MW:	66 kDa/45 kDa
Uniprot ID :	P28329

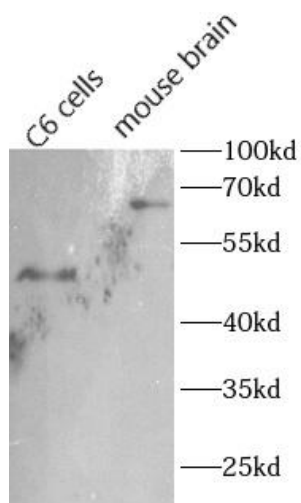
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded mouse lung tissue slide using FNab10469 (CHAT Antibody) at dilution of 1:200



mouse spleen tissue were subjected to SDS PAGE followed by western blot with FNab10469 (CHAT Antibody) at dilution of 1:1000