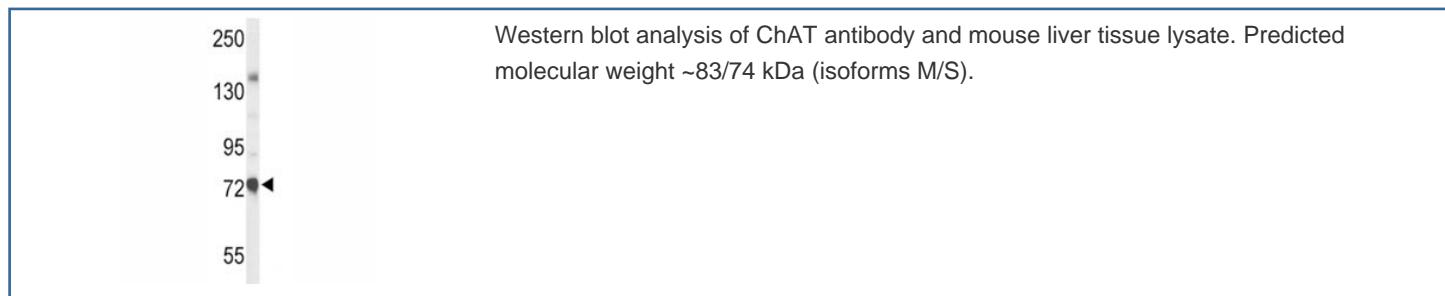
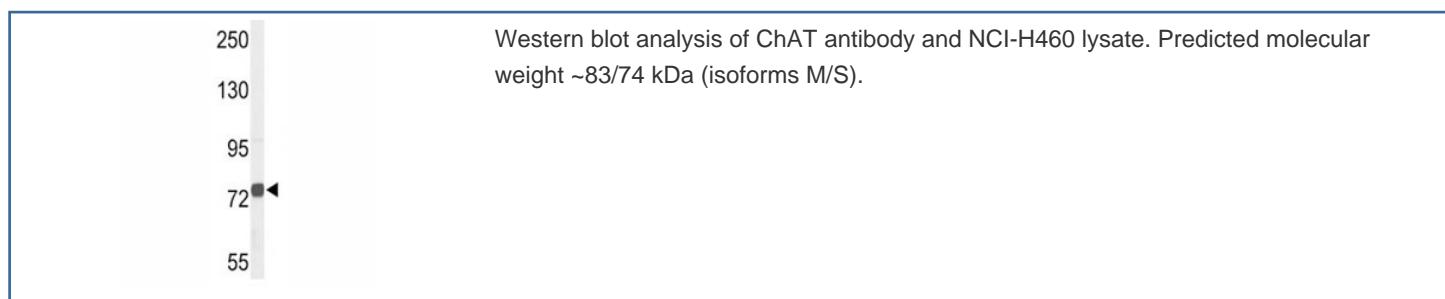


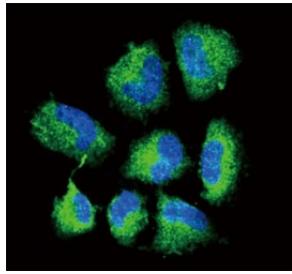
## ChAT Antibody (F51798)

Catalog No.	Formulation	Size
F51798-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51798-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P28329
<b>Applications</b>	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50
<b>Limitations</b>	This ChAT antibody is available for research use only.





Confocal immunofluorescent analysis of ChAT antibody with NCI-H460 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

## Description

ChAT (Choline acetyltransferase) is 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 disease.

## Application Notes

Titration of the ChAT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 98-128 from the human protein was used as the immunogen for this ChAT antibody.

## Storage

Aliquot the ChAT antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.