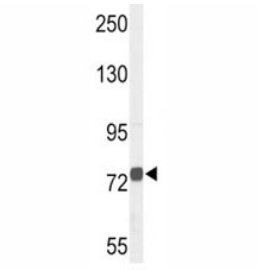
ChAT Antibody (F51798)

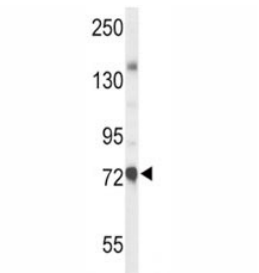
Catalog No.	Formulation	Size
F51798-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51798-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

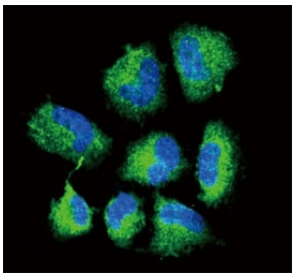
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P28329
Applications	Western blot: 1:1000 Immunofluorescence: 1:10-1:50
Limitations	This ChAT antibody is available for research use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



Western blot analysis of ChAT antibody and NCI-H460 lysate. Predicted molecular weight ~83/74 kDa (isoforms M/S).



Western blot analysis of ChAT antibody and mouse liver tissue lysate. Predicted molecular weight ~83/74 kDa (isoforms M/S).



Confocal immunofluorescent analysis of ChAT antibody with NCI-H460 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (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.

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