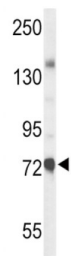
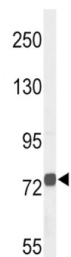
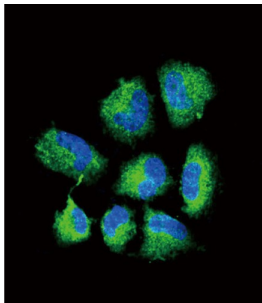


## Choline O-Acetyltransferase (CHAT) Antibody

Catalogue No.: abx034433



CHAT 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.

**Target:** Choline O-Acetyltransferase (CHAT)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** ELISA, WB, IF/ICC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000, IF/ICC: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.

# Datasheet

Version: 3.0.0  
Revision date: 29 Jul 2025



<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 98-128 amino acids from the N-terminal region of human CHAT.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified Rabbit Polyclonal Antibody.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P28329 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>KEGG:</b>	hsa:1103
<b>String:</b>	<a href="#">9606.ENSP00000337103</a>
<b>Molecular Weight:</b>	Calculated MW: 82.5 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.