

**Product Name: Choline Acetyltransferase Rabbit  
Monoclonal Antibody  
Catalog #: AMRe01823**

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## Summary

<b>Production Name</b>	Choline Acetyltransferase Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	CHAT
<b>Alternative Names</b>	CHAT; Choline O-acetyltransferase; CHOACTase; ChAT; Choline acetylase
<b>Gene ID</b>	1103
<b>SwissProt ID</b>	P28329

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 83 kDa; Observed MW: 72 kDa

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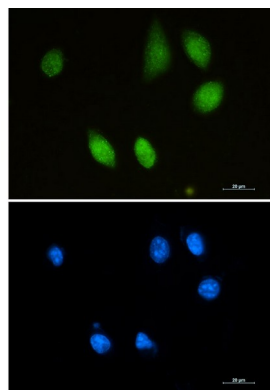
## Background

Catalyzes the reversible synthesis of acetylcholine (ACh) from acetyl CoA and choline at cholinergic synapses.

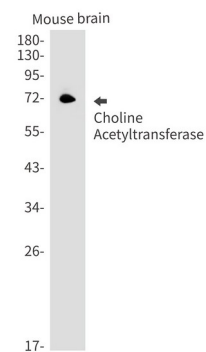
## Research Area

Neuroscience

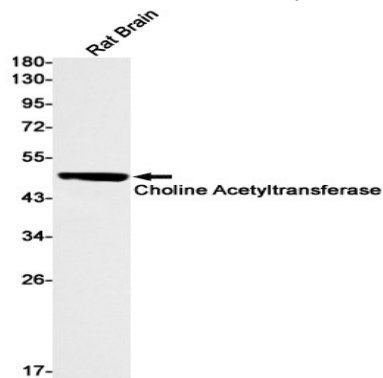
## Image Data



Immunocytochemistry analysis of Choline Acetyltransferase (green) in SH-SY5Y using Choline Acetyltransferase antibody, and DAPI (blue).



Western blot analysis of Choline Acetyltransferase in mouse brain lysates using Choline Acetyltransferase antibody.



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Western blot analysis of Choline Acetyltransferase in rat Brain lysates using Choline Acetyltransferase antibody

**Note**

For research use only.