

Choline Acetyltransferase Rabbit mAb

Catalog No: #49528

Package Size: #49528-1 50ul #49528-2 100ul

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Description

Product Name	Choline Acetyltransferase Rabbit mAb
Clonality	Monoclonal
Clone No.	JA67-11
Purification	Affinity-chromatography
Applications	WB, IP, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	A synthesized peptide derived from human CHAT
Conjugates	Unconjugated
Other Names	Acetyl CoA choline O acetyltransferase antibody Acetyl CoA:choline O acetyltransferase antibody ChAT antibody CHOACTase antibody Choline acetylase antibody choline acetyltransferase antibody Choline O acetyltransferase antibody Choline O-acetyltransferase antibody CLAT_HUMAN antibody CMS1A antibody CMS1A2 antibody EC 2.3.1.6 antibody OTTHUMP00000019583 antibody OTTHUMP00000019584 antibody
Accession No.	Swiss-Prot#:P28329
Calculated MW	82 kDa
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

Application Details

WB 1:1000-1:2000

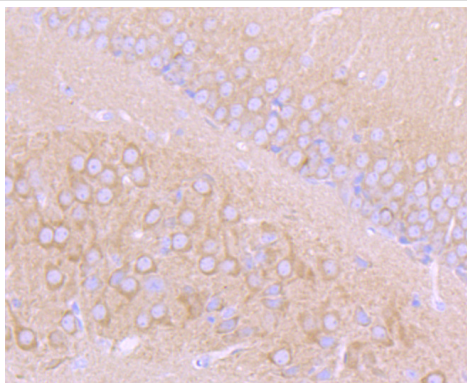
IHC 1:100-1:200

ICC/IF 1:50-1:200

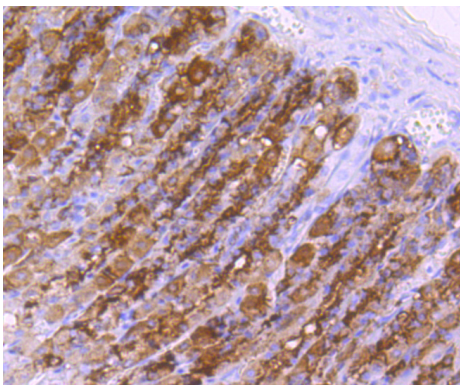
IP 1:20-1:50

FC 1:20-1:100

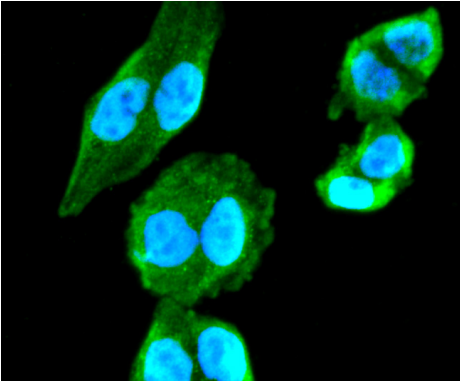
Images



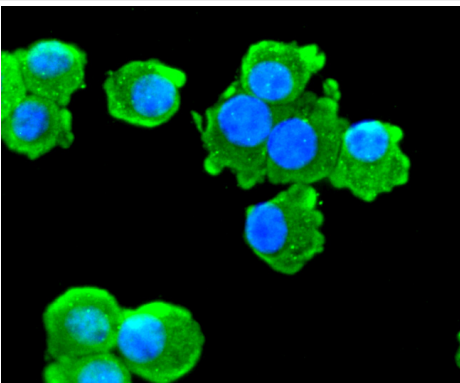
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti- Choline Acetyltransferase antibody. Counter stained with hematoxylin.



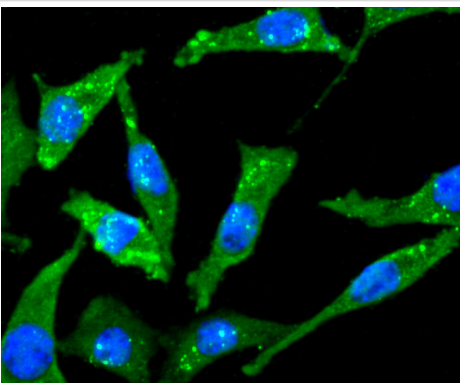
Immunohistochemical analysis of paraffin-embedded rat stomach tissue using anti- Choline Acetyltransferase antibody. Counter stained with hematoxylin.



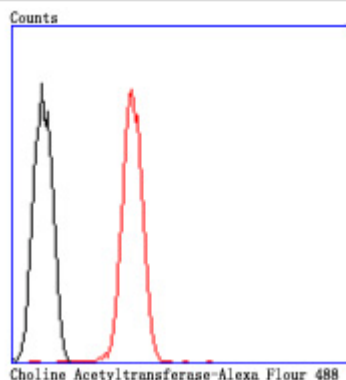
ICC staining Cho
Line Acetyltransferase in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



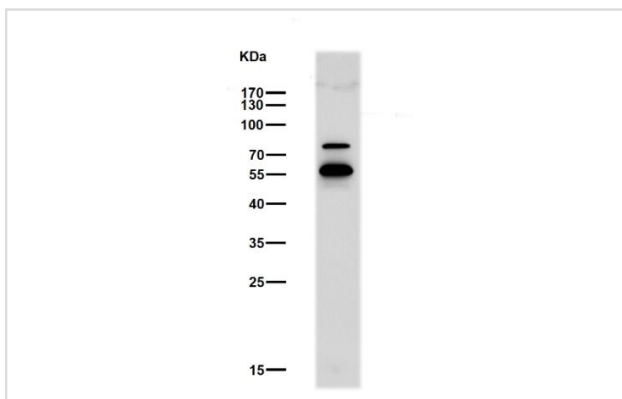
ICC staining Choline Acetyltransferase in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Choline Acetyltransferase in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of N2A cells with Choline Acetyltransferase antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Lane1 Mouse brain tissue lysate
Use the Antibody at 1:2K dilution for 1 hour at room temperature.

Background

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

Note: This product is for in vitro research use only and is not intended for use in humans or animals.