

## Anti-CHAT Antibody (3G910)

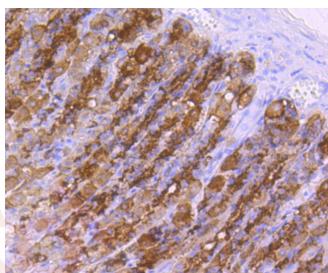
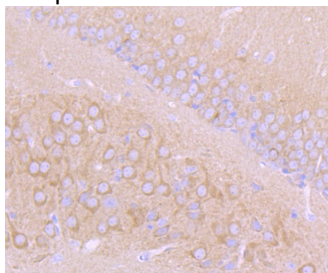
### Product Details

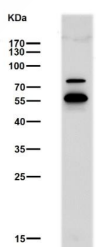
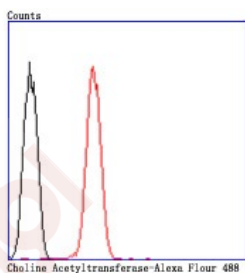
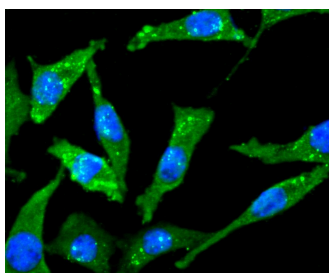
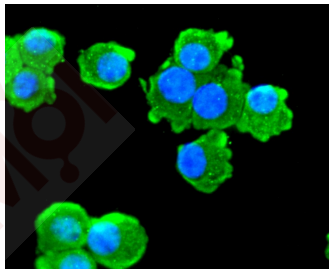
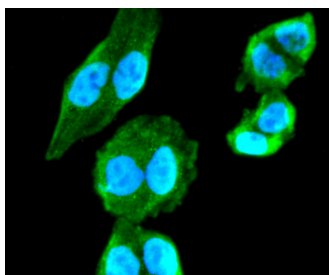
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 82 kDa.
Clone:	3G910
Purification:	Affinity-chromatography

### Applications

#### Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti- Choline Acetyltransferase antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded rat stomach tissue using anti- Choline Acetyltransferase antibody. Counter stained with hematoxylin.
3. ICC staining ChoLine Acetyltransferase in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
4. 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.
5. 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.
6. 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.
7. Lane1 Mouse brain tissue lysate Use the Antibody at 1:2K dilution for 1 hour at room temperature.





Application: FCM,ICC/IF,IHC,IP,WB

Recommended WB: 1:1000-2000; IHC: 1:100-200; ICC/IF: 1:50-200; IP: 1:20-50; FCM: 1:20-100

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

**Antigen Details**

Immunogen: A synthesized peptide: human CHAT

Antigen Species: human

Uniprot ID: P28329

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**Research Background**

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

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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