Anti-Choline Acetyltransferase antibody ab223346

Overview

Product name: Anti-Choline Acetyltransferase antibody
Description: Rabbit polyclonal to Choline Acetyltransferase
Host species: Rabbit
Tested applications: Suitable for: WB, ICC/IF
Species reactivity: Reacts with: Mouse, Human
Immunogen: Synthetic peptide corresponding to Human Choline Acetyltransferase. (From the N-terminal to the mid-protein).
Database link: P28329

Properties

Form: Liquid
Storage buffer: Preservative: 0.09% Sodium azide
Constituents: 50% Glycerol, PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab223346 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>1/1000. Predicted molecular weight: 83 kDa.</td>
<td></td>
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<tr>
<td>ICC/IF</td>
<td>1/100.</td>
<td></td>
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</table>
### Target

<table>
<thead>
<tr>
<th>Function</th>
<th>Catalyzes the reversible synthesis of acetylcholine (ACh) from acetyl CoA and choline at cholinergic synapses.</th>
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<tbody>
<tr>
<td>Involvement in disease</td>
<td>Myasthenic syndrome, congenital, 6, presynaptic</td>
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<tr>
<td>Sequence similarities</td>
<td>Belongs to the carnitine/choline acetyltransferase family.</td>
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</tbody>
</table>

### Images

4% formaldehyde-fixed SK-N-BE cells stained for Choline Acetyltransferase (green) using ab223346 at 1/100 dilution in ICC/IF. Secondary: Goat Anti-Rabbit ATTO 488 at 1/100 for 60 minutes at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1/1000, 1/5000 for 60 minutes RT, 5 minutes RT.

(A) DAPI nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) ab223346 (D) Merge.

Anti-Choline Acetyltransferase antibody (ab223346) at 1/1000 dilution + Mouse brain lysate at 20 µg

**Secondary**

Goat Anti-Rabbit: HRP at 1/2000 dilution

**Predicted band size:** 83 kDa

Blocking: 5% milk + TBST for 1 hour at RT.

Color Development: TMB solution for 12 minutes at RT.

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