Anti-GABA A Receptor alpha 1 antibody [N95/35] ab94585

**Product datasheet**

**Anti-GABA A Receptor alpha 1 antibody [N95/35] ab94585**

**References**

**7 References**

**2 Images**

### 概述

<table>
<thead>
<tr>
<th>产品名称</th>
<th>Anti-GABA A Receptor alpha 1 抗体 [N95/35]</th>
</tr>
</thead>
<tbody>
<tr>
<td>描述</td>
<td>小鼠单克隆抗体 [N95/35] to GABA A Receptor alpha 1</td>
</tr>
<tr>
<td>宿主</td>
<td>Mouse</td>
</tr>
<tr>
<td>特异性</td>
<td>ab94585 does not react with GABA A Receptor Alpha 2 or Alpha 3.</td>
</tr>
<tr>
<td>经测试应用</td>
<td>适用于: WB, IHC-P</td>
</tr>
<tr>
<td>种属反应性</td>
<td>与反应: Mouse, Human</td>
</tr>
<tr>
<td>免疫原</td>
<td>Recombinant fragment within Mouse GABA A Receptor alpha 1 aa 350-450. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: <a href="#">P62812</a></td>
</tr>
</tbody>
</table>

**阳性对照**

WB: Rat brain normal tissue lysate - membrane extract (ab29473), Human cell line mix lysate.

IHC-P: Mouse back skin tissue.

**常规说明**

The clone number has been updated from S95-35 to N95/35, both clone numbers name the same antibody clone.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

<table>
<thead>
<tr>
<th>形式</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>存放说明</td>
<td>Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.</td>
</tr>
<tr>
<td>存储溶液</td>
<td>Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS</td>
</tr>
</tbody>
</table>
Protein G purified

Clone

N95/35

IgG2a

The Abpromise guarantee

Abpromise™承保证使用ab94585于以下的经测试应用

<table>
<thead>
<tr>
<th>应用</th>
<th>Ab评论</th>
<th>说明</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 - 10 µg/ml. Detects a band of approximately 55 kDa (predicted molecular weight: 52 kDa).</td>
</tr>
<tr>
<td>IHC-P</td>
<td></td>
<td>Use a concentration of 0.1 - 1 µg/ml.</td>
</tr>
</tbody>
</table>

**功能**

GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.

**疾病相关**

Defects in GABRA1 are the cause of childhood absence epilepsy type 4 (ECA4) [MIM:611136]. A subtype of idiopathic generalized epilepsy characterized by onset at age 6-7 years, frequent absence seizures (several per day) and bilateral, synchronous, symmetric 3-Hz spike waves on EEG. During adolescence, tonic-clonic and myoclonic seizures may develop. Absence seizures may either remit or persist into adulthood.

Defects in GABRA1 are the cause of juvenile myoclonic epilepsy type 5 (EJM5) [MIM:611136]. A subtype of idiopathic generalized epilepsy. Patients have afebrile seizures only, with onset in adolescence (rather than in childhood) and myoclonic jerks which usually occur after awakening and are triggered by sleep deprivation and fatigue.

**序列相似性**

Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRA1 sub-subfamily.

**细胞定位**

Bouin's Fixative and paraffin-embedded mouse back skin tissue stained for GABA A Receptor alpha 1 with ab94585 (1/100 dilution for 1 hour at RT) in immunohistochemical analysis.

Secondary antibody is a FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Dermal Cells.

Anti-GABA A Receptor alpha 1 antibody [N95/35] (ab94585) at 1/1000 dilution + Human cell line mix lysates at 15 µg

Secondary
Sheep Anti-Mouse IgG: HRP

Predicted band size: 52 kDa

Block: 1% BSA.
Primary antibody incubated for 2 hours at RT.
Secondary antibody incubated for 1 hour at RT.

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