




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

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概述

产品名称	Anti-GABA A Receptor alpha 1抗体[N95/35]
描述	小鼠单克隆抗体[N95/35] to GABA A Receptor alpha 1
宿主	Mouse
特异性	ab94585 does not react with GABA A Receptor Alpha 2 or Alpha 3.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Cow, Cynomolgus monkey, Orangutan 
免疫原	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: P62812  Run BLAST with  Run BLAST with
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	<p>The clone number has been updated from S95-35 to N95/35, both clone numbers name the same antibody clone.</p> <p>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.</p> <p>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</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS

纯度	Protein G purified
克隆	单克隆
克隆编号	N95/35
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab94585于以下的经测试应用

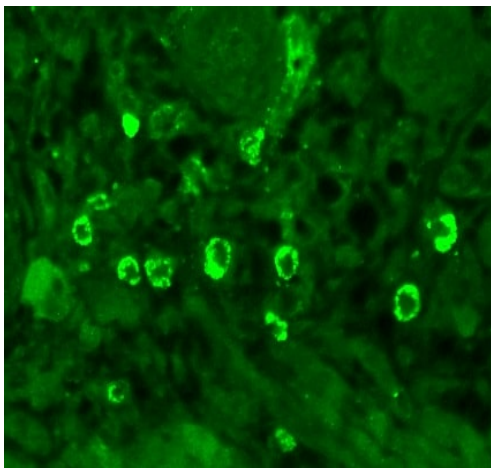
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 10 µg/ml. Detects a band of approximately 55 kDa (predicted molecular weight: 52 kDa).
IHC-P		Use a concentration of 0.1 - 1 µg/ml.

靶标

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	<p>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.</p> <p>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.</p>
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	Cell junction > synapse > postsynaptic cell membrane. Cell membrane.

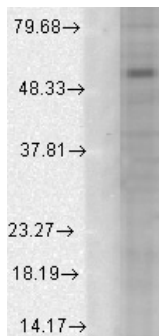
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GABA A Receptor alpha 1 antibody [N95/35] (ab94585)

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.



Western blot - Anti-GABA A Receptor alpha 1 antibody [N95/35] (ab94585)

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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