


Anti-GABRD antibody [N151/3] ab93619

★★★★★ [2 Abreviews](#) [1 References](#) [2 图像](#)

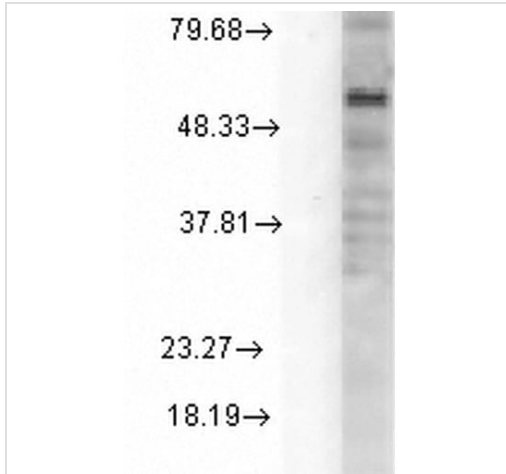
概述

产品名称	Anti-GABRD抗体[N151/3]
描述	小鼠单克隆抗体[N151/3] to GABRD
宿主	Mouse
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Rat, Human 预测可用于: Cow 
免疫原	Synthetic peptide corresponding to Rat GABRD aa 15-34. Sequence: CTQPHHGARAMNDIGDYVGSN  Run BLAST with  Run BLAST with
阳性对照	Rat brain lysate
常规说明	<p>The clone number has been updated from S151-3 to N151/3, 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. Store at -20°C.
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	N151/3

同种型	IgG2a										
应用	<p>The Abpromise guarantee Abpromise™承诺保证使用ab93619于以下的经测试应用</p> <p>“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。</p> <table> <tr> <th>应用</th><th>Ab评论</th><th>说明</th></tr> <tr> <td>WB</td><td></td><td>1/1000. Predicted molecular weight: 51 kDa.</td></tr> <tr> <td>ICC/IF</td><td></td><td>1/10.</td></tr> </table>		应用	Ab评论	说明	WB		1/1000. Predicted molecular weight: 51 kDa.	ICC/IF		1/10.
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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 GABRD are the cause of susceptibility to generalized epilepsy with febrile seizures plus type 5 (GEFS+5) [MIM:604233]. Generalized epilepsy with febrile seizures-plus refers to a rare familial condition with incomplete penetrance and large intrafamilial variability. Patients display febrile seizures persisting sometimes beyond the age of 6 years and/or a variety of afebrile seizure types. GEFS+ is a disease combining febrile seizures, generalized seizures often precipitated by fever at age 6 years or more, and partial seizures, with a variable degree of severity.</p> <p>Defects in GABRD are the cause of susceptibility to idiopathic generalized epilepsy type 10 (IGE10) [MIM:613060]. A disorder characterized by recurring generalized seizures in the absence of detectable brain lesions and/or metabolic abnormalities. Generalized seizures arise diffusely and simultaneously from both hemispheres of the brain.</p> <p>Defects in GABRD are the cause of susceptibility to juvenile myoclonic epilepsy type 7 (EJM7) [MIM:613060]. 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. GABRD sub-subfamily.										
细胞定位	Cell junction > synapse > postsynaptic cell membrane. Cell membrane.										
图片											



Western blot - Anti-GABRD antibody [N151/3] (ab93619)

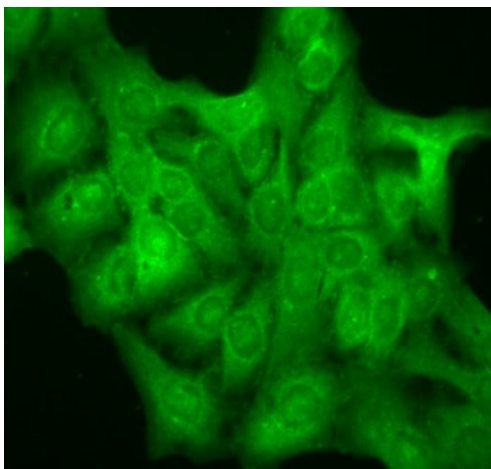
Anti-GABRD antibody [N151/3] (ab93619) at 1/1000 dilution + Rat cell line lysates at 15 µg

Secondary

Sheep Anti-Mouse IgG HRP

Predicted band size: 51 kDa

Block: 15% BSA for 30 minutes at RT



Immunocytochemistry/ Immunofluorescence - Anti-GABRD antibody [N151/3] (ab93619)

Cold 100% methanol for 10 minutes at -20°C fixed human HaCaT cells labeling GABRD (green) using ab93619 at 1/10 dilution in ICC/IF.

FITC Goat Anti-Mouse was used as the secondary antibody at 1/50 dilution for 1 hour at room temperature. Staining in the diffuse cytoplasm and dull nuclei is observed.

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