

# Alexa Fluor® 647 Anti-VGluT1 antibody [N28-9] ab193596

## 1 图像

### 概述

<b>产品名称</b>	Alexa Fluor® 647 荧光 Anti-VGluT1 抗体 [N28-9]
<b>描述</b>	Alexa Fluor® 647 荧光 小鼠 单克隆 抗体 [N28-9] to VGluT1
<b>宿主</b>	Mouse
<b>偶联物</b>	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
<b>经测试应用</b>	<b>适用于:</b> IHC-Fr
<b>种属反应性</b>	<b>与反应:</b> Rat <b>预测可用于:</b> Mouse, Human 
<b>免疫原</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>阳性对照</b>	IHC-Fr: frozen sections of rat brain tissue (cerebellum).
<b>常规说明</b>	<p>Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a>.</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&amp;As</p>

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA, 30% Glycerol (glycerin, glycerine)
<b>纯度</b>	Protein G purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	N28-9
<b>骨髓瘤</b>	Sp2/0
<b>同种型</b>	IgG1
<b>轻链类型</b>	kappa

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab193596于以下的经测试应用

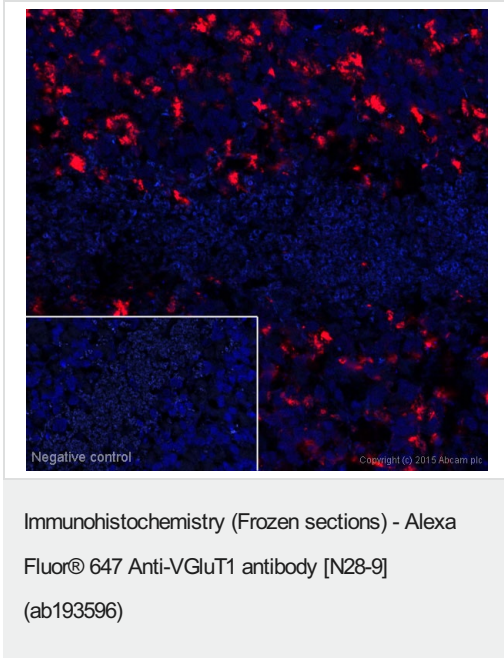
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		1/50.

## 靶标

<b>功能</b>	Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. May also mediate the transport of inorganic phosphate.
<b>组织特异性</b>	Expressed in several regions of the brain including amygdala, cerebellum, cerebral cortex, hippocampus, frontal lobe, medulla, occipital lobe, putamen and temporal lobe.
<b>序列相似性</b>	Belongs to the major facilitator superfamily. Sodium/anion cotransporter family. VGLUT subfamily.
<b>细胞定位</b>	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane. Membrane. Cell junction, synapse, synaptosome.

## 图片



IF image of VGlut1 staining in a section of frozen rat brain (cerebellum). The section was air dried on the bench for 30 minutes and blocked for 2 hours in 1XPBS/0.1% Tween 20/1% BSA/0.3M Glycine buffer. The sample was then incubated overnight at +4°C with ab193596 at 1/50 dilution (shown in red). DAPI- containing mounting media was added to the sample (shown in blue). The inset negative control image is taken from an identical assay without primary antibody.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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