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# VGLUT1 Rabbit mAb

货号: **AYM29631**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	53kDa/59kDa/61kDa
实测分子量	61kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG
细胞定位	Cell junction,Cytoplasmic vesicle,Membrane,Multi-pass membrane protein,secretory vesicle,synapse,synaptic vesicle membrane,synaptosome
纯化	Affinity purification

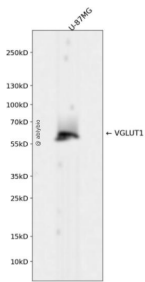
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human VGLUT1.
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## 靶点信息

研究背景	The protein encoded by this gene is a vesicle-bound, sodium-dependent phosphate transporter that is specifically expressed in the neuron-rich regions of the brain. It is preferentially associated with the membranes of synaptic vesicles and functions in glutamate transport. The protein shares 82% identity with the differentiation-associated Na-dependent inorganic phosphate cotransporter and they appear to form a distinct class within the Na <sup>+</sup> /Pi cotransporter family.
基因ID	57030
基因名	SLC17A7
Swiss	Q9P2U7 ( <a href="https://www.uniprot.org/uniprotkb/Q9P2U7/entry">https://www.uniprot.org/uniprotkb/Q9P2U7/entry</a> )
别名	VGLUT1,VGLUT1 Rabbit mAb,SLC17A7,Brain-specific Na(+)-dependent inorganic phosphate cotransporter,Solute carrier family 17 member 7,BNPI

## 产品验证



Western blot analysis of VGLUT1 expressed in U-87MG using VGLUT1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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