

AMPA Receptor 1(Phospho S831)(1T17) Rabbit Monoclonal Antibody



产品详情

产品货号	产品名称	储存条件	保质期
IM37142	AMPA Receptor 1(Phospho S831) (1T17) Rabbit Monoclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM37142
别名	GLUR 1;GLUR A;AMPA 1;AMPA selective glutamate receptor 1;GluA1;GLUH1;GluR K1;GLUR1;GLURA;GluRK1;Glutamate receptor 1;Glutamate receptor ionotropic AMPA 1;Glutamate receptor ionotropic;Glutamate receptor, ionotropic, AMPA 1;Gria1;HBGR1.
产品名称	AMPA Receptor 1(Phospho S831) (1T17)Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	GRIA1
蛋白名称	GLUH1, GLUR1
推荐应用	WB
反应种属	Human, Mouse, Rat
存储缓冲液	Supplied in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	2890

Human Swissprot No.	P42261
免疫原	A synthetic phosphopeptide corresponding to residues surrounding Ser831 of human Glutamate Receptor 1 (AMPA subtype).
稀释度	WB 1:1000-1:5000
参考分子量	102kDa
预测分子量	102kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months (Do not lower than 25°C). Avoid freeze/thaw cycles.
宿主	Rabbit
同种型	IgG
注意事项	Phospho-AMPA Receptor 1 (S831) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	Widely expressed in brain.
细胞定位	Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:P19490}; Multi-pass membrane protein {ECO:0000250 UniProtKB:P19490}. Cell junction, synapse, postsynaptic cell membrane; Multi pass membrane protein. Cell junction, synapse, postsynaptic density membrane {ECO:0000250 UniProtKB:P23818}; Multi-pass membrane protein {ECO:0000250 UniProtKB:P23818}. Cell projection, dendrite {ECO:0000250 UniProtKB:P23818}. Cell projection, dendritic spine {ECO:0000250 UniProtKB:P23818}. Early endosome membrane {ECO:0000250 UniProtKB:P19490}; Multi-pass membrane protein {ECO:0000250 UniProtKB:P19490}. Recycling endosome membrane {ECO:0000250 UniProtKB:P19490}; Multi-pass membrane protein

<p>细胞定位</p>	<p>{ECO:0000250 UniProtKB:P19490}. Note=Interaction with CACNG2, CNIH2 and CNIH3 promotes cell surface expression. Colocalizes with PDLIM4 in early endosomes. Displays a somatodendritic localization and is excluded from axons in neurons (By similarity). Localized to cone photoreceptor pedicles (By similarity). {ECO:0000250 UniProtKB:P19490, ECO:0000250 UniProtKB:P23818}.</p>
<p>功能</p>	<p>Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation of current flux upon continued application of glutamate.</p>
<p>Clonality</p>	<p>Monoclonal</p>

注意事项:

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