

# GRID2 Rabbit pAb

货号: **AYP24067**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	
实测分子量	113KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brian
细胞定位	dendritic spine,glutamatergic synapse,parallel fiber to Purkinje cell synapse,plasma membrane,postsynaptic density membrane,postsynaptic membrane,synapse
纯化	Affinity purification

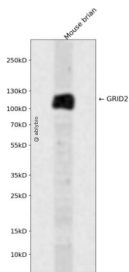
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 900-1007 of human GRID2 (NP_001501.2).
序列	IDLTPLDIDTLPTRQALEQISDFRNTHITTTTFFIPEQIQLSRTLAKAASGFTFGNVPEHRTGPFRRHRAPNGGFFRSPIKTMS SIPYQPTPTLGLNLGNDPDRGTSI

## 靶点信息

研究背景	The protein encoded by this gene is a member of the family of ionotropic glutamate receptors which are the predominant excitatory neurotransmitter receptors in the mammalian brain. The encoded protein is a multi-pass membrane protein that is expressed selectively in cerebellar Purkinje cells. A point mutation in the mouse ortholog, associated with the phenotype named 'lurcher', in the heterozygous state leads to ataxia resulting from selective, cell-autonomous apoptosis of cerebellar Purkinje cells during postnatal development. Mice homozygous for this mutation die shortly after birth from massive loss of mid- and hindbrain neurons during late embryogenesis. This protein also plays a role in synapse organization between parallel fibers and Purkinje cells. Alternate splicing results in multiple transcript variants encoding distinct isoforms. Mutations in this gene cause cerebellar ataxia in humans. [provided by RefSeq, Apr 2014]
基因ID	2895
基因名	GRID2
Swiss	O43424
别名	GluD2;SCAR18;GRID2

## 产品验证



Western blot analysis of GRID2 expressed in Mouse brain using GRID2 Rabbit pAb 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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