

产品名称: GlyR β Rabbit Polyclonal Antibody
产品货号: AP Rab11525



产品概述 (Summary)

产品名称 (Production Name)	GlyR β Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GLRB
别名 (Alternative Names)	GLRB; Glycine receptor subunit beta; Glycine receptor 58 kDa subunit
基因 ID (Gene ID)	2743.0
蛋白 ID (SwissProt ID)	P48167.The antiserum was produced against synthesized peptide derived from human GLRB. AA range:211-260

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	56kDa

研究背景 (Background)

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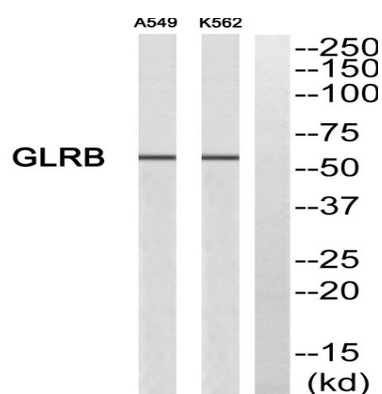


This gene encodes the beta subunit of the glycine receptor, which is a pentamer composed of alpha and beta subunits. The receptor functions as a neurotransmitter-gated ion channel, which produces hyperpolarization via increased chloride conductance due to the binding of glycine to the receptor. Mutations in this gene cause startle disease, also known as hereditary hyperekplexia or congenital stiff-person syndrome, a disease characterized by muscular rigidity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009],disease:Defects in GLRB are a cause of startle disease (STHE) [MIM:149400]; also known as hereditary hyperekplexia or congenital stiff-person syndrome. STHE is a genetically heterogeneous neurologic disorder characterized by muscular rigidity of central nervous system origin, particularly in the neonatal period, and by an exaggerated startle response to unexpected acoustic or tactile stimuli. Inheritance can be autosomal dominant or recessive.,function:The glycine receptor is a neurotransmitter-gated ion channel. Binding of glycine to its receptor increases the chloride conductance and thus produces hyperpolarization (inhibition of neuronal firing),similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,subunit:Pentamer composed of alpha and beta subunits. Interacts with GPHN.,

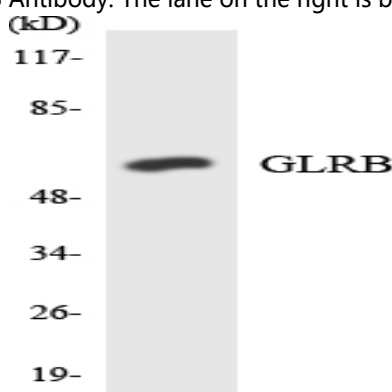
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)



Western blot analysis of GLRB Antibody. The lane on the right is blocked with the GLRB peptide.



Western blot analysis of the lysates from HUVEC cells using GLRB antibody.

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注意事项 (Note)

For research use only .