

产品名称: GABAA R α 4 Rabbit Polyclonal Antibody
产品货号: AP Rab11234



产品概述 (Summary)

产品名称 (Production Name)	GABAA R α 4 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)	GABRA4
别名 (Alternative Names)	GABRA4; Gamma-aminobutyric acid receptor subunit alpha-4; GABA(A) receptor subunit alpha-4
基因 ID (Gene ID)	2557.0
蛋白 ID (SwissProt ID)	P48169. The antiserum was produced against synthesized peptide derived from human GABRA4. AA range: 81-130

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)	60kDa

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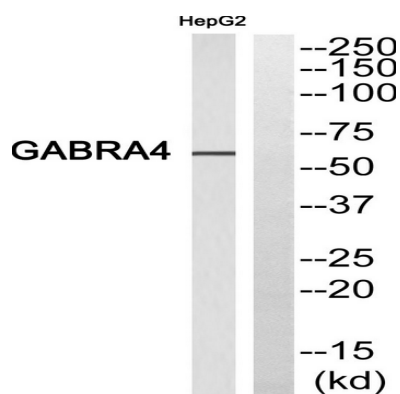
研究背景 (Background)

Gamma-aminobutyric acid (GABA) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. This gene encodes subunit alpha-4, which is involved in the etiology of autism and eventually increases autism risk through interaction with another subunit, gamma-aminobutyric acid receptor beta-1 (GABRB1). Alternatively spliced transcript variants encoding different isoforms have been found in this gene.[provided by RefSeq, Feb 2011],function:GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.,induction:The alpha4 beta2 gamma 2L receptor is not repressed by diazepam.,online information:Forbidden fruit - Issue 56 of March 2005,similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,subunit:Generally pentameric. There are five types of GABA(A) receptor chains: alpha, beta, gamma, delta, and rho.,

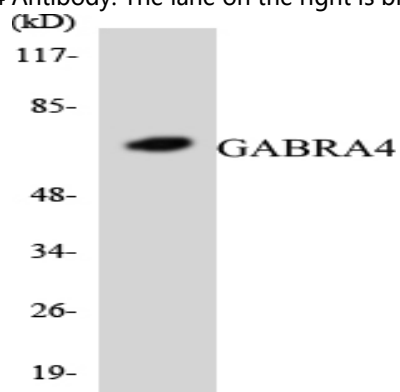
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)

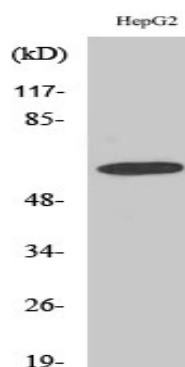


Western blot analysis of GABRA4 Antibody. The lane on the right is blocked with the GABRA4 peptide.



Western blot analysis of the lysates from COLO205 cells using GABRA4 antibody.

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Western Blot analysis of various cells using GABAA R α 4 Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .