

产品名称: GABA T-1 Rabbit Polyclonal Antibody
产品货号: APRab11231



产品概述 (Summary)

产品名称 (Production Name)	GABA T-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,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)	SLC6A1 GABATR GABT1 GAT1
别名 (Alternative Names)	Sodium- and chloride-dependent GABA transporter 1 (GAT-1;Solute carrier family 6 member 1)
基因 ID (Gene ID)	6529.0
蛋白 ID (SwissProt ID)	P30531.The antiserum was produced against synthesized peptide derived from the Internal region of human SLC6A1. AA range:170-220

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	50kDa

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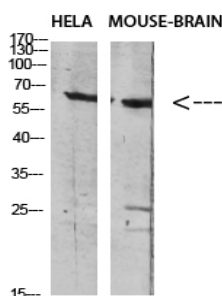


研究背景 (Background)

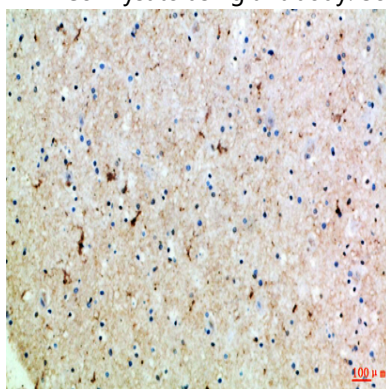
The SLC6A1 gene encodes a gamma-aminobutyric acid (GABA) transporter, which removes GABA from the synaptic cleft (Hirunsatit et al., 2009 [PubMed 19077666]).[supplied by OMIM, Jul 2009],domain:The PDZ domain-binding motif is involved in the interaction with MPP5.,function:Terminates the action of GABA by its high affinity sodium-dependent reuptake into presynaptic terminals.,miscellaneous:This protein is the target of psychomotor stimulants such as amphetamines or cocaine.,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,subcellular location:Localized at the plasma membrane and in a subset of intracellular vesicles. Localized at the presynaptic terminals of interneurons.,subunit:Interacts with MPP5.,

研究领域 (Research Area)

图片 (Image Data)

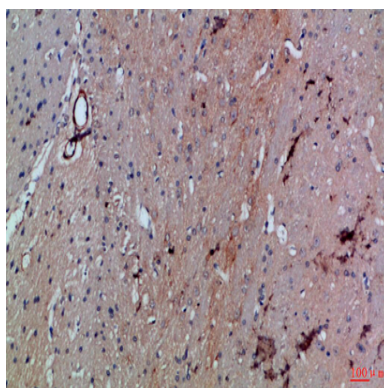


Western blot analysis of HELA MOUSE-BRAIN Cell Lysate using antibody. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human-brain, antibody was diluted at 1:100

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Immunohistochemical analysis of paraffin-embedded Rat-brain, antibody was diluted at 1:100

注意事项 (Note)

For research use only .