

产品名称: SNAP25 Rabbit Monoclonal Antibody
产品货号: AMRe03813



产品概述 (Summary)

产品名称 (Production Name)	SNAP25 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, IP
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)	Monoclonal
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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SNAP25
别名 (Alternative Names)	Synaptosomal-associated protein 25; SNAP-25; Super protein; SUP; Synaptosomal-associated 25 kDa protein; SNAP25; SNAP
基因 ID (Gene ID)	6616
蛋白 ID (SwissProt ID)	P60880.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 23 kDa; Observed MW: 23 kDa

研究背景 (Background)

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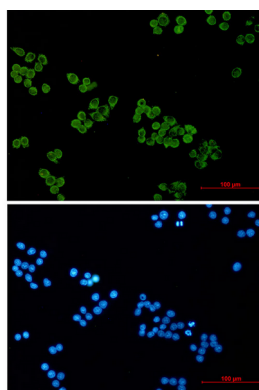


SNAP25 forms a core complex with the SNARE proteins syntaxin and synaptobrevin to mediate synaptic vesicle fusion with the plasma membrane during Ca^{2+} -dependent exocytosis. This complex is responsible for exocytosis of the neurotransmitter γ -aminobutyric acid (GABA). Neurotransmitter release is inhibited by proteolysis of SNAP25 by botulinum toxins A and E. SNAP25 plays a secondary role as a Q-SNARE involved in endosome fusion; the protein is associated with genetic susceptibility to attention-deficit hyperactivity disorder (ADHD).

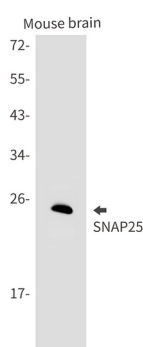
研究领域 (Research Area)

Neuroscience

图片 (Image Data)

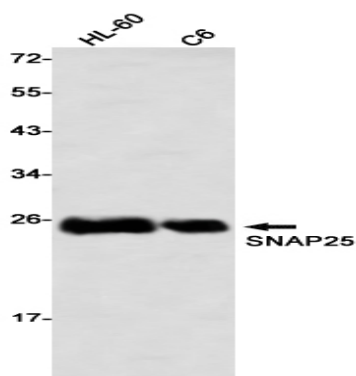


Immunocytochemistry analysis of SNAP25 (green) in Hela using SNAP25 antibody, and DAPI (blue).



Western blot analysis of SNAP25 in mouse brain lysates using SNAP25 antibody.

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Western blot analysis of SNAP25 in HL-60, C6 lysates using SNAP25 antibody

注意事项 (Note)

For research use only .