

产品名称: Synuclein-γ Rabbit Polyclonal Antibody
产品货号: APRab18519



产品概述 (Summary)

产品名称 (Production Name)	Synuclein-γ 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,Rat,Mouse

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)	SNCG
别名 (Alternative Names)	SNCG; BCSG1; PERSYN; PRSN; Gamma-synuclein; Breast cancer-specific gene 1 protein; Persyn; Synoretin; SR
基因 ID (Gene ID)	6623.0
蛋白 ID (SwissProt ID)	O76070.The antiserum was produced against synthesized peptide derived from human Synuclein gamma. AA range:78-127

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	20kDa

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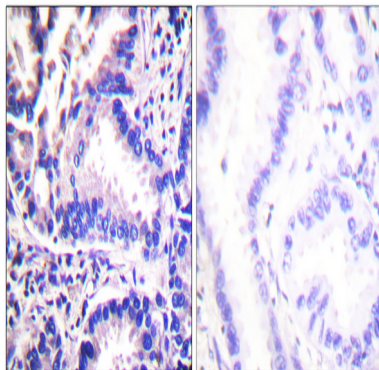


研究背景 (Background)

This gene encodes a member of the synuclein family of proteins which are believed to be involved in the pathogenesis of neurodegenerative diseases. Mutations in this gene have also been associated with breast tumor development. [provided by RefSeq, Jan 2010],disease:Brain iron accumulation type 1 (NBIA1, also called Hallervorden-Spatz syndrome), a rare neuroaxonal dystrophy, is histologically characterized by axonal spheroids, iron deposition, Lewy body (LB)-like intraneuronal inclusions, glial inclusions and neurofibrillary tangles. SNCG is found in spheroids but not in inclusions.,function:Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent proteases (By similarity). May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway.,PTM:Phosphorylated. Phosphorylation by GRK5 appears to occur on residues distinct from the residue phosphorylated by other kinases.,similarity:Belongs to the synuclein family.,subcellular location:Associated with centrosomes in several interphase cells. In mitotic cells, localized to the poles of the spindle.,subunit:May be a centrosome-associated protein.,tissue specificity:Highly expressed in brain, particularly in the substantia nigra. Also expressed in the corpus callosum, heart, skeletal muscle, ovary, testis, colon and spleen. Weak expression in pancreas, kidney and lung.,

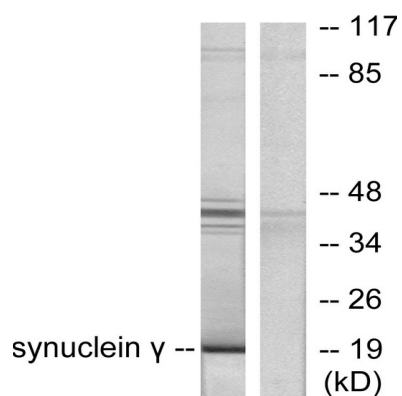
研究领域 (Research Area)

图片 (Image Data)

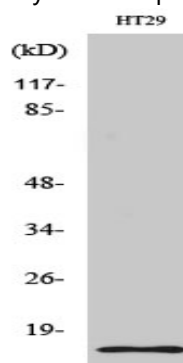


Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Synuclein gamma Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HT29 cells, using Synuclein gamma Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Synuclein-γ Polyclonal Antibody

注意事项 (Note)

For research use only .