

产品名称: SACS Rabbit Polyclonal Antibody
产品货号: APRab17571



产品概述 (Summary)

产品名称 (Production Name)	SACS Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC/IF
种属反应性 (Reactivity)	Human, 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, 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)	SACS
别名 (Alternative Names)	KIAA0730
基因 ID (Gene ID)	26278.0
蛋白 ID (SwissProt ID)	Q9NZJ4.Synthesized peptide derived from human protein . at AA range: 4291-4340

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:300, ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	503kDa

研究背景 (Background)

This gene encodes the saccin protein, which includes a UbL domain at the N-terminus, a DnaJ domain, and a HEPN domain

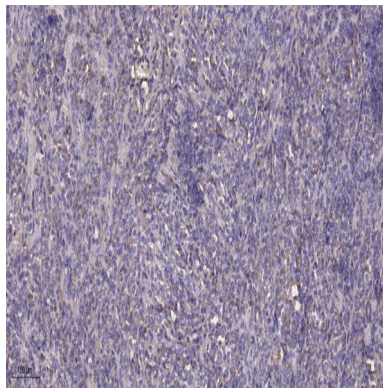
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at the C-terminus. The gene is highly expressed in the central nervous system, also found in skin, skeletal muscles and at low levels in the pancreas. This gene includes a very large exon spanning more than 12.8 kb. Mutations in this gene result in autosomal recessive spastic ataxia of Charlevoix-Saguenay (ARSACS), a neurodegenerative disorder characterized by early-onset cerebellar ataxia with spasticity and peripheral neuropathy. The authors of a publication on the effects of siRNA-mediated sarsin knockdown concluded that sarsin protects against mutant ataxin-1 and suggest that "the large multi-domain sarsin protein is able to recruit Hsp70 chaperone action and has the potential to regulate the effects of other ataxia proteins" (Parfitt et al., PubMed: 19208651).disease:Defects in SACS are the cause of autosomal recessive spastic ataxia of Charlevoix-Saguenay (ARSACS) [MIM:270550]. ARSACS is an early onset neurodegenerative disease with high prevalence in the Charlevoix-Saguenay-Lac-Saint-Jean region of Quebec. It is characterized by absent sensory-nerve conduction, reduced motor-nerve velocity and hypermyelination of retinal-nerve fibers.,function:May function in chaperone-mediated protein folding.,similarity:Contains 1 HEPN domain.,similarity:Contains 1 J domain.,tissue specificity:Highly expressed in the central nervous system. Also found in skeletal muscle and at low levels in pancreas.,

研究领域 (Research Area)

Epigenetics and Nuclear Signaling; Transcription; Domain Families; HLH / Leucine Zipper; Leucine Zipper; Signal Transduction; Protein Trafficking; Chaperones; Other Chaperones; Metabolism; Pathways and Processes; Mitochondrial Metabolism; Mitochondrial markers

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200 (4° overnight) .
2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

注意事项 (Note)

For research use only .