

产品名称: Stromal Interaction Molecule 1 Rabbit Monoclonal Antibody
产品货号: AMRe86470



产品概述 (Summary)

产品名称 (Production Name)	Stromal Interaction Molecule 1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Stromal Interaction Molecule 1
别名 (Alternative Names)	GOK; TAM; TAM1; IMD10; STRMK; D11S4896E
基因 ID (Gene ID)	6786
蛋白 ID (SwissProt ID)	Q13586.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW:77 kDa; Observed MW:85 kDa

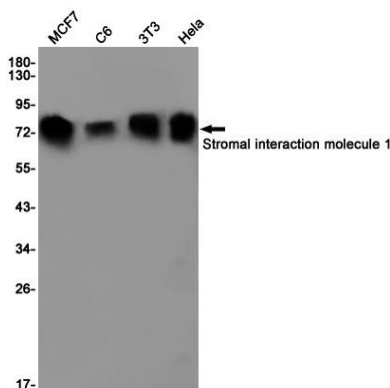
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研究背景 (Background)

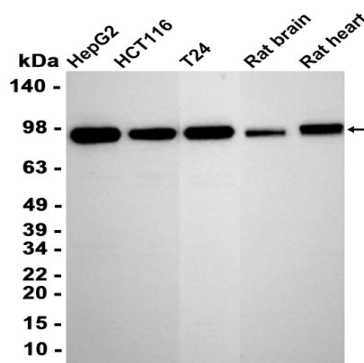
This gene encodes a type 1 transmembrane protein that mediates Ca^{2+} influx after depletion of intracellular Ca^{2+} stores by gating of store-operated Ca^{2+} influx channels (SOCs). It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region, as well as early hematopoiesis, by mediating attachment to stromal cells. Mutations in this gene are associated with fatal classic Kaposi sarcoma, immunodeficiency due to defects in store-operated calcium entry (SOCE) in fibroblasts, ectodermal dysplasia and tubular aggregate myopathy. This gene is oriented in a head-to-tail configuration with the ribonucleotide reductase 1 gene (RRM1), with the 3' end of this gene situated 1.6 kb from the 5' end of the RRM1 gene. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2013]

研究领域 (Research Area)

图片 (Image Data)



Western blot detection of Stromal interaction molecule 1 in MCF7, C6, 3T3, HeLa cell lysates using Stromal interaction molecule 1 antibody (1:1000 diluted).



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Western blot analysis of extracts from HepG2, HCT116, T24 cells and Rat brain, Rat heart tissue using AMRe86470 at 1:3000.

注意事项 (Note)

For research use only .