

产品名称: SURF-1 Rabbit Polyclonal Antibody
产品货号: APRab18451



产品概述 (Summary)

产品名称 (Production Name)	SURF-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)	SURF1
别名 (Alternative Names)	SURF1; SURF-1; Surfeit locus protein 1
基因 ID (Gene ID)	6834.0
蛋白 ID (SwissProt ID)	Q15526.The antiserum was produced against synthesized peptide derived from human SURF1. AA range:171-220

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	30kDa

研究背景 (Background)

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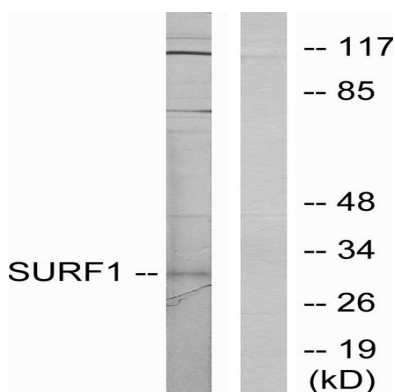


This gene encodes a protein localized to the inner mitochondrial membrane and thought to be involved in the biogenesis of the cytochrome c oxidase complex. The protein is a member of the SURF1 family, which includes the related yeast protein SHY1 and rickettsial protein RP733. The gene is located in the surfet gene cluster, a group of very tightly linked genes that do not share sequence similarity, where it shares a bidirectional promoter with SURF2 on the opposite strand. Defects in this gene are a cause of Leigh syndrome, a severe neurological disorder that is commonly associated with systemic cytochrome c oxidase deficiency. [provided by RefSeq, Jul 2008],disease:Defects in SURF1 are a cause of Leigh syndrome (LS) [MIM:256000]. LS is a severe neurological disorder characterized by bilaterally symmetrical necrotic lesions in subcortical brain regions that is commonly associated with systemic cytochrome c oxidase (COX) deficiency.,function:Probably involved in the biogenesis of the COX complex.,similarity:Belongs to the SURF1 family.,

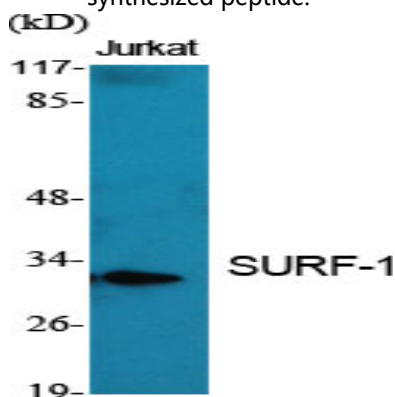
研究领域 (Research Area)

Tags & Cell Markers; Subcellular Markers; Organelles; Mitochondria; Signal Transduction; Metabolism; Mitochondrial; Pathways and Processes; Mitochondrial Metabolism; Mitochondrial markers; Oxidative phosphorylation; Complex IV; Types of disease; Cancer

图片 (Image Data)

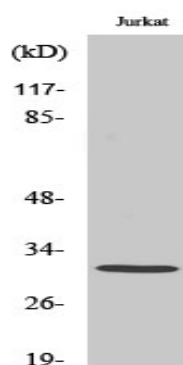


Western blot analysis of lysates from Jurkat cells, using SURF1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using SURF-1 Polyclonal Antibody

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Western Blot analysis of Jurkat cells using SURF-1 Polyclonal Antibody

注意事项 (Note)

For research use only .