

产品名称: MARCH5 Rabbit Polyclonal Antibody
产品货号: APRab13639



产品概述 (Summary)

产品名称 (Production Name)	MARCH5 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	RNF153
别名 (Alternative Names)	MARCH5; RNF153; E3 ubiquitin-protein ligase MARCH5; Membrane-associated RING finger protein 5; Membrane-associated RING-CH protein V; MARCH-V; Mitochondrial ubiquitin ligase; MITOL; RING finger protein 153
基因 ID (Gene ID)	54708.0
蛋白 ID (SwissProt ID)	Q9NX47.The antiserum was produced against synthesized peptide derived from human MARCH5. AA range:21-70

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	37kDa

产品名称: MARCH5 Rabbit Polyclonal Antibody
产品货号: APRab13639

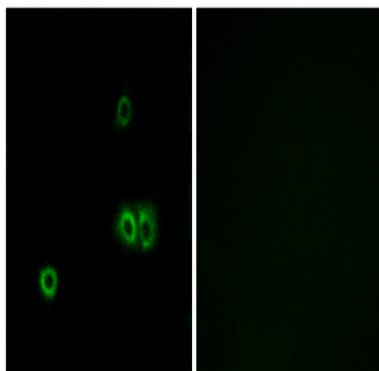


研究背景 (Background)

MARCH5 is a ubiquitin ligase of the mitochondrial outer membrane that plays a role in the control of mitochondrial morphology by regulating mitofusin-2 (MFN2; MIM 608507) and DRP1 (DNM1L; MIM 603850) (Nakamura et al., 2006 [PubMed 16936636]).[supplied by OMIM, Mar 2008],domain:The RING-CH-type zinc finger domain is required for E3 ligase activity.,function:Mitochondrial E3 ubiquitin-protein ligase that plays a crucial role in the control of mitochondrial morphology. Promotes ubiquitination of DRP1. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 RING-CH-type zinc finger.,subunit:Interacts with MTFN2 and ubiquitinated forms of DRP1.,

研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using MARCH5 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .