

产品名称: MARCH2 Rabbit Polyclonal Antibody
产品货号: APRab13636



产品概述 (Summary)

产品名称 (Production Name)	MARCH2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	RNF172
别名 (Alternative Names)	MARCH2; RNF172; HSPC240; E3 ubiquitin-protein ligase MARCH2; Membrane-associated RING finger protein 2; Membrane-associated RING-CH protein II; MARCH-II; RING finger protein 172
基因 ID (Gene ID)	51257.0
蛋白 ID (SwissProt ID)	Q9P0N8. The antiserum was produced against synthesized peptide derived from human MARCH2. AA range:191-240

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

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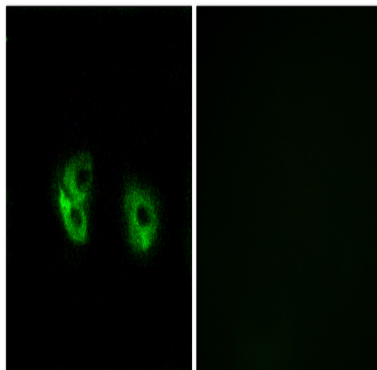


研究背景 (Background)

MARCH2 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCH2 reduces surface accumulation of several glycoproteins and appears to regulate early endosome-to-trans-Golgi network (TGN) trafficking (Bartee et al., 2004 [PubMed 14722266]; Nakamura et al., 2005 [PubMed 15689499]). [supplied by OMIM, Mar 2010], caution: The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data., domain: The RING-CH-type zinc finger domain is required for E3 ligase activity., function: E3 ubiquitin-protein ligase that may mediate ubiquitination of TFRC and CD86, and promote their subsequent endocytosis and sorting to lysosomes via multivesicular bodies. 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. May be involved in endosomal trafficking through interaction with STX6., pathway: Protein modification; protein ubiquitination., similarity: Contains 1 RING-CH-type zinc finger., subunit: Interacts with STX6 (By similarity). Interacts with MARCH3., tissue specificity: Broadly expressed.,

研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using MARCH2 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .