

产品名称: CARD 10 Rabbit Polyclonal Antibody
产品货号: APRab07923



产品概述 (Summary)

产品名称 (Production Name)	CARD 10 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

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)	CARD10
别名 (Alternative Names)	CARD10; CARMA3; Caspase recruitment domain-containing protein 10; CARD-containing MAGUK protein 3; Carma 3
基因 ID (Gene ID)	29775.0
蛋白 ID (SwissProt ID)	Q9BWT7.The antiserum was produced against synthesized peptide derived from human CARD10. AA range:481-530

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	120kDa

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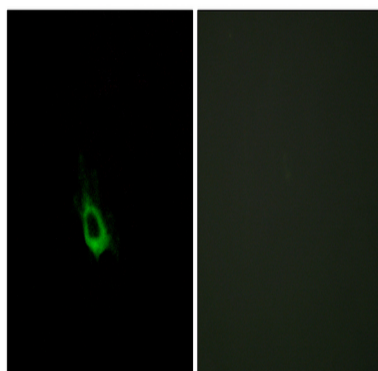


研究背景 (Background)

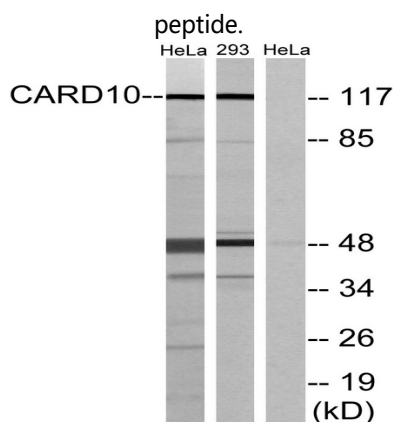
The caspase recruitment domain (CARD) is a protein module that consists of 6 or 7 antiparallel alpha helices. It participates in apoptosis signaling through highly specific protein-protein homophilic interactions. Like several other CARD proteins, CARD10 belongs to the membrane-associated guanylate kinase (MAGUK) family and activates NF-kappa-B (NFKB; see MIM 164011) through BCL10 (MIM 603517) (Wang et al., 2001 [PubMed 11259443]).[supplied by OMIM, Mar 2008],caution:Supposed to contain a SH3, a PDZ and a guanylate kinase-like domain. But none of these 3 domains are detected by PROSITE, Pfam or SMART.,function:Activates NF-kappa-B via BCL10 and IKK.,similarity:Contains 1 CARD domain.,subunit:CARD10 and BCL10 bind to each other by CARD-CARD interaction. They both participate in a complex with MALT1, where MALT1 binds to BCL10.,tissue specificity:Detected in adult heart, kidney and liver; lower levels in intestine, placenta, muscle and lung. Also found in fetal lung, liver and kidney.,

研究领域 (Research Area)

图片 (Image Data)

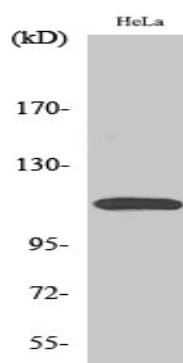


Immunofluorescence analysis of HeLa cells, using CARD10 Antibody. The picture on the right is blocked with the synthesized



Western blot analysis of lysates from HeLa and 293 cells, using CARD10 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using CARD 10 Polyclonal Antibody

注意事项 (Note)

For research use only .