

产品名称: CARD 11 Rabbit Polyclonal Antibody
产品货号: APRab07924



产品概述 (Summary)

产品名称 (Production Name)	CARD 11 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)	CARD11
别名 (Alternative Names)	CARD11; CARMA1; Caspase recruitment domain-containing protein 11; CARD-containing MAGUK protein 1; Carma 1
基因 ID (Gene ID)	84433.0
蛋白 ID (SwissProt ID)	Q9BXL7.The antiserum was produced against synthesized peptide derived from human CARD11. AA range:10-59

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 1:20000-1:40000
蛋白分子量 (Molecular Weight)	130kDa

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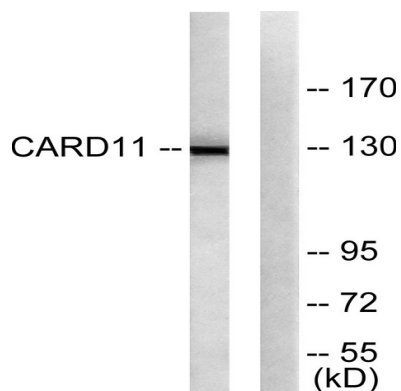
研究背景 (Background)

The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein has a domain structure similar to that of CARD14 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. [provided by RefSeq, Jul 2008],caution:Supposed to contain a SH3 domain which is not detected by PROSITE, Pfam or SMART,function:Activates NF-kappa-B via BCL10 and IKK. Stimulates the phosphorylation of BCL10.,similarity:Contains 1 CARD domain.,similarity:Contains 1 guanylate kinase-like domain.,similarity:Contains 1 PDZ (DHR) domain.,subunit:CARD11 and BCL10 bind to each other by CARD-CARD interaction.,tissue specificity:Detected in adult peripheral blood leukocytes, thymus, spleen and liver. Also found in promyelocytic leukemia HL-60 cells, chronic myelogenous leukemia K562 cells, Burkitt's lymphoma Raji cells and colorectal adenocarcinoma SW480 cells. Not detected in HeLa S3, Molt-4, A549 and G431 cells.,

研究领域 (Research Area)

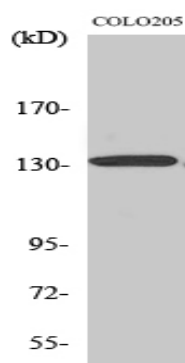
T_Cell_Receptor;B_Cell_Antigen;

图片 (Image Data)



Western blot analysis of lysates from COLO205 cells, using CARD11 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using CARD 11 Polyclonal Antibody

注意事项 (Note)

For research use only .