

产品名称: Bcl10 (4I12) Rabbit Monoclonal Antibody
产品货号: AMRe07495



产品概述 (Summary)

产品名称 (Production Name)	Bcl10 (4I12) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BCL10
别名 (Alternative Names)	BCL10; CARMEN; CIPER; CLAP; c-E10; mE10;
基因 ID (Gene ID)	8915.0
蛋白 ID (SwissProt ID)	O95999.A synthetic peptide of human Bcl10

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000, ICC/IF 1:100-1:200
蛋白分子量 (Molecular Weight)	26kDa

研究背景 (Background)

Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK. May be an adapter protein

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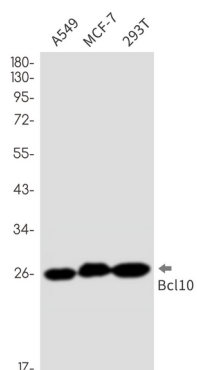
between upstream TNFR1-TRADD-RIP complex and the downstream NIK-IKK-IKAP complex. Is a substrate for MALT1. Plays a key role in both adaptive and innate immune signaling by bridging CARD domain-containing proteins to immune activation (PubMed: [10187770](http://www.uniprot.org/citations/10187770), PubMed: [10364242](http://www.uniprot.org/citations/10364242), PubMed: [10400625](http://www.uniprot.org/citations/10400625), PubMed: [25365219](http://www.uniprot.org/citations/25365219), PubMed: [24074955](http://www.uniprot.org/citations/24074955)). Acts by channeling adaptive and innate immune signaling downstream of CARD domain-containing proteins CARD9, CARD11 and CARD14 to activate NF-kappa-B and MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14) pathways which stimulate expression of genes encoding pro-inflammatory cytokines and chemokines (PubMed: [24074955](http://www.uniprot.org/citations/24074955)). Recruited by activated CARD domain-containing proteins: homooligomerized CARD domain-containing proteins form a nucleating helical template that recruits BCL10 via CARD-CARD interaction, thereby promoting polymerization of BCL10, subsequent recruitment of MALT1 and formation of a CBM complex (PubMed: [24074955](http://www.uniprot.org/citations/24074955)). This leads to activation of NF-kappa-B and MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14) pathways which stimulate expression of genes encoding pro-inflammatory cytokines and chemokines (PubMed: [18287044](http://www.uniprot.org/citations/18287044), PubMed: [27777308](http://www.uniprot.org/citations/27777308), PubMed: [24074955](http://www.uniprot.org/citations/24074955), PubMed: [24074955](http://www.uniprot.org/citations/24074955)). Activated by CARD9 downstream of C-type lectin receptors; CARD9-mediated signals are essential for antifungal immunity (PubMed: [26488816](http://www.uniprot.org/citations/26488816)). Activated by CARD11 downstream of T-cell receptor (TCR) and B-cell receptor (BCR) (PubMed: [18264101](http://www.uniprot.org/citations/18264101), PubMed: [18287044](http://www.uniprot.org/citations/18287044), PubMed: [27777308](http://www.uniprot.org/citations/27777308), PubMed: [24074955](http://www.uniprot.org/citations/24074955)). Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK (PubMed: [10187815](http://www.uniprot.org/citations/10187815)).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)

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Western blot detection of Bcl10 in A549,MCF-7,293T cell lysates using Bcl10 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .