

产品名称: Bcl-10 Rabbit Polyclonal Antibody
产品货号: AP Rab07498



产品概述 (Summary)

产品名称 (Production Name)	Bcl-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,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)	BCL10 BCL10; CIPER; CLAP; B-cell lymphoma/leukemia 10; B-cell CLL/lymphoma 10;
别名 (Alternative Names)	Bcl-10; CARD-containing molecule enhancing NF-kappa-B; CARD-like apoptotic protein; hCLAP; CED-3/ICH-1 prodomain homologous E10-like regulator; CIPER; Cellular homolog
基因 ID (Gene ID)	8915.0
蛋白 ID (SwissProt ID)	O95999.The antiserum was produced against synthesized peptide derived from human BCL10. AA range:111-160

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
----------------------	---

产品名称: Bcl-10 Rabbit Polyclonal Antibody
产品货号: AP Rab07498



蛋白分子量 (Molecular Weight) 36kDa

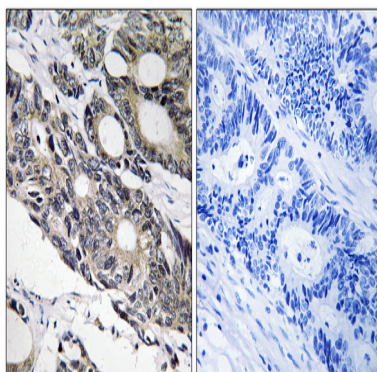
研究背景 (Background)

This gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. The protein encoded by this gene contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. This protein is reported to interact with other CARD domain containing proteins including CARD9, 10, 11 and 14, which are thought to function as upstream regulators in NF-kappaB signaling. This protein is found to form a complex with MALT1, a protein encoded by another gene known to be translocated in MALT lymphoma. MALT1 and this protein are thought to synergize in the activation of NF-kappaB, and the deregulation of either of them may contribute to the same pathogenetic process that leads to the malignancy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],disease:A chromosomal aberration involving BCL10 is recurrent in low-grade mucosa-associated lymphoid tissue (MALT lymphoma). Translocation t(1;14)(p22;q32). Although the BCL10/IgH translocation leaves the coding region of BCL10 intact, frequent BCL10 mutations could be attributed to the Ig somatic hypermutation mechanism resulting in nucleotide transitions.,disease:Defects in BCL10 are involved in various types of cancer.,function:Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK. May be an adapter protein between upstream TNFR1-TRADD-RIP complex and the downstream NIK-IKK-IKAP complex. Is a substrate for MALT1.,PTM:Phosphorylated. Phosphorylation results in dissociation from TRAF2 and binding to BIRC2/c-IAP2.,similarity:Contains 1 CARD domain.,subcellular location:Appears to have a perinuclear, compact and filamentous pattern of expression. Also found in the nucleus of several types of tumor cells.,subunit:Self-associates by CARD-CARD interaction and forms a tight complex with MALT1. Interacts with other CARD-proteins such as CARD9, CARD10, CARD11 and CARD14. Binds caspase-9 with its C-terminal domain. Interacts with TRAF2 and BIRC2/c-IAP2.,tissue specificity:Ubiquitous.,

研究领域 (Research Area)

T_Cell_Receptor;B_Cell_Antigen;

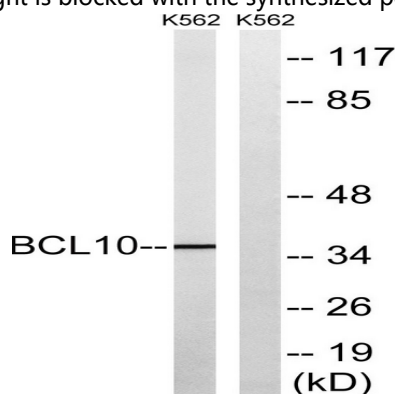
图片 (Image Data)



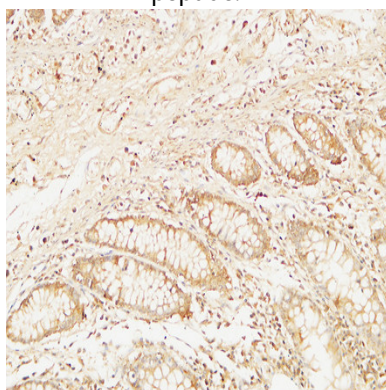
产品名称: Bcl-10 Rabbit Polyclonal Antibody
产品货号: AP Rab07498



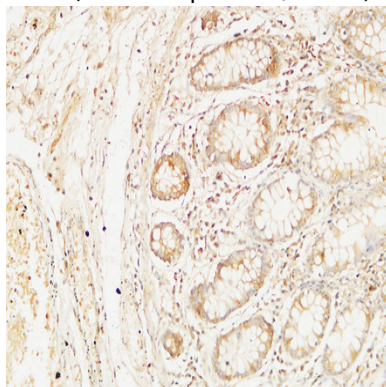
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using BCL10 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 cells, using BCL10 Antibody. The lane on the right is blocked with the synthesized peptide.

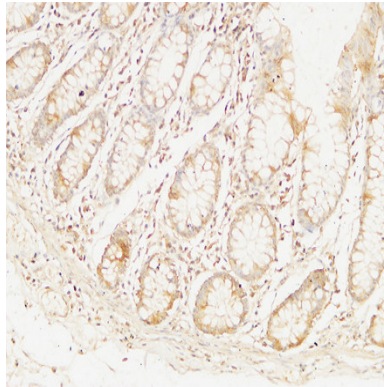


Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:100 (4°, overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .



Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:100 (4°, overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .

产品名称: Bcl-10 Rabbit Polyclonal Antibody
产品货号: APRab07498



Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:100 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

注意事项 (Note)

For research use only .