

Anti-BCL10 / BCL-10 Antibody (aa111-160)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18072**Specification****Anti-BCL10 / BCL-10 Antibody (aa111-160) - Product Information**

Application	WB, IHC-P, E
Primary Accession	O95999
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	26252

Anti-BCL10 / BCL-10 Antibody (aa111-160) - Additional Information**Gene ID** 8915**Alias Symbol** **BCL10****Other Names**

BCL10, Bcl-10, B-cell CLL/lymphoma 10, B-cell lymphoma/leukemia 10, CARMEN, CARD-like apoptotic protein, CCARMEN, C-E10, CIPER, Cellular-E10, HCLAP, Cellular homolog of vCARMEN, CLAP, ME10

Target/Specificity

BCL10 Antibody detects endogenous levels of total BCL10 protein.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-BCL10 / BCL-10 Antibody (aa111-160) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-BCL10 / BCL-10 Antibody (aa111-160) - Protein Information**Name** BCL10 {ECO:0000303|PubMed:9989495, ECO:0000312|HGNC:HGNC:989}**Function**

Plays a key role in both adaptive and innate immune signaling by bridging CARD domain-containing proteins to immune activation (PubMed:10187770, PubMed:10364242, PubMed:10400625, PubMed:25365219, PubMed: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). 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). 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, PubMed:27777308, PubMed:24074955). Activated by CARD9 downstream of C-type lectin receptors; CARD9-mediated signals are essential for antifungal immunity (PubMed:26488816). Activated by CARD11 downstream of T-cell receptor (TCR) and B-cell receptor (BCR) (PubMed:18264101, PubMed:18287044, PubMed:27777308, PubMed:24074955). Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK (PubMed:10187815).

Cellular Location

Cytoplasm, perinuclear region. Membrane raft. Note=Appears to have a perinuclear, compact and filamentous pattern of expression. Also found in the nucleus of several types of tumor cells. Colocalized with DPP4 in membrane rafts.

Tissue Location

Ubiquitous..

Anti-BCL10 / BCL-10 Antibody (aa111-160) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-BCL10 / BCL-10 Antibody (aa111-160) - Images