Product Name: BCL-10 (Phospho-Ser138) Rabbit Polyclonal Antibody
Catalog #: APRab05664

Summary

Production Name	BCL-10 (Phospho-Ser138) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	BCL10 CIPER CLAP
Alternative Names	B-cell lymphoma/leukemia 10 (B-cell CLL/lymphoma 10) (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 of vCARMEN) (cCARMEN) (Cellular-E10) (c-E10) (Mammalian CARD-containing adapter molecule E10) (mE10)
Gene ID	8915.0
SwissProt ID	O95999.

Application

Dilution Ratio	WB 1:500-2000
Molecular Weight	26kD

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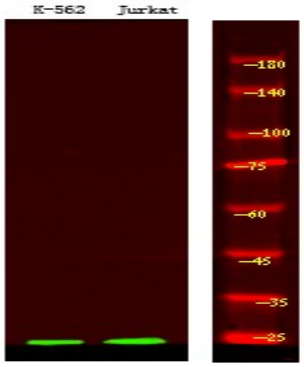
Background

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.,

Research Area

Image Data



Western Blot analysis of K-562 Jurkat using primary antibody at 1:1000 dilution 4°C, overnight. Secondary antibody was diluted at 1:10000 25°C，1.5hours

Note

For research use only.