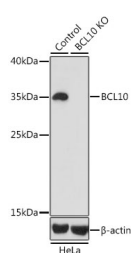


## (KO Validated) BCL10 Polyclonal Antibody

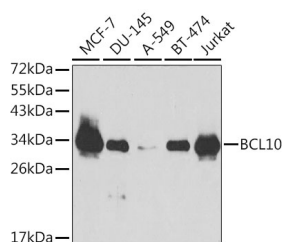
|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-60188                                  | <b>Reactivity</b> | H      |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB  | <b>Isotype</b>    | IgG    |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of extracts from normal (control) and BCL10 knockout (KO) HeLa cells using BCL10 Polyclonal Antibody at dilution of 1:1000.



Western blot analysis of extracts of various cell lines using BCL10 Polyclonal Antibody at dilution of 1:1000.

### Immunogen Information

|                  |  |
|------------------|--|
| <b>Immunogen</b> | Recombinant fusion protein of human BCL10 (NP_003912.1). |
| <b>GeneID</b>    | 8915   |
| <b>Swissprot</b> | O95999   |
| <b>Synonyms</b>  | BCL10,CARMEN,CIPER,CLAP,IMD37,c-E10,mE10                 |

### Product Information

|                      |   |
|----------------------|---|
| <b>Calculated MW</b> | 26kDa   |
| <b>Observed MW</b>   | 33kDa   |
| <b>Buffer</b>        | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| <b>Purify</b>        | Affinity purification                             |
| <b>Dilution</b>      | WB 1:500-1:2000                                   |

### 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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.