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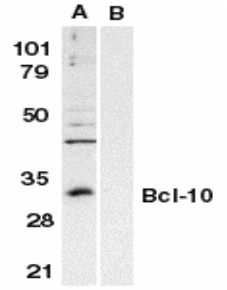
Anti-Bcl10 (NT) *CIPER, mE10, CARMEN, CLAP*

CATALOG No.: PX047A SIZE: 100 µg
PX047B SIZE: 0.5 mg



Western blot analysis of Bcl-10 in Raji whole cell lysate in the absence (A) or presence (B) of peptide (2161P) with anti-Bcl-10 (NT) at 1:500 dilution.

BACKGROUND:

Apoptosis is related to many diseases including cancer. Cell death signals are transduced by death domain (DD) and caspase recruitment domain (CARD) containing molecules and a caspase family of proteases. CARD containing cell death regulators include ARC, RAIDD, Apaf-1, caspase-9, and caspase-2. A novel CARD containing protein was recently identified by several groups and designated *Bcl*10, *CIPER, mE10, CARMEN, CLAP* (1-6). *Bcl*10 is a cellular homolog of the equine herpesvirus-2 E-10 gene. Overexpression of *Bcl*10 induces JNK, p38, and NF-κB activation (1,2,4,6). *Bcl*10 interacts with caspase-9 and enhances pro-caspase-9 processing (3) and induces apoptosis through caspase-9 activation (3.6). *Bcl*10 exhibits a variety of mutations in MALT lymphomas and in B and T cell lineage lymphomas indicating that it may be commonly involved in the pathogenesis of human malignancy (1,5). *Bcl*10 is expressed in many human and murine tissues and cell lines (2-6).

SOURCE:

Rabbit anti-*BCL*10 (NT) polyclonal antibody was raised against a peptide corresponding to amino acids 5 to 19 of human origin (1-6).

APPLICATION:

This polyclonal antibody can be used for detection of BCL10 by Western blot at 1:500 dilution. Raji whole cell lysate can be used as positive control and an approximately 31 kDa band can be detected. For research use only.

STORAGE:

It is supplied as immunoaffinity chromatography purified IgG, 100 µg in 200 µl of PBS containing 0.02% sodium azide. Store at 4°C, stable for one year.

RELATED PRODUCT:

Blocking peptide, 50 µg/250 µl, is available for competition studies.
Raji cell lysate, 200 µg/100 µl, is available for positive control.

REFERENCES:

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