SANTA CRUZ BIOTECHNOLOGY, INC.

BCORL2 (S-12): sc-83868

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

Bcl-6, a transcriptional repressor, can promote or inhibit apoptosis depending on the cell type and also plays an important role in normal immune responses. Bcl-6 negatively regulates NFκB expression, thereby inhibiting NFκB-mediated cellular functions and is frequently found to be deregulated in non-Hodgkin's lymphoma. BCoR protein family members associate with histone deacetylases (HDACs) to transcriptionally repress Bcl-6. BCORL2 (BCL-6 corepressor-like protein 2) is a 145 amino acid protein that is a homolog of BCoR and, by similarity, most likely functions to regulate the transcription of Bcl-6 by inhibiting gene expression when recruited to promoter regions.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: BCORL2 (human) mapping to Yq11.222.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

SOURCE

BCORL2 (S-12) is an affinity purified rabbit polyclonal antibody raised against a peptide mapping within an internal region of BCORL2 of human origin.

PRODUCT

Each vial contains 100 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-83868 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

BCORL2 (S-12) is recommended for detection of BCORL2 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for BCoR siRNA (h): sc-72635, BCoR shRNA Plasmid (h): sc-72635-SH and BCoR shRNA (h) Lentiviral Particles: sc-72635-V.

Molecular Weight of BCORL2: 16 kDa.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.