



BCORL2 (P-18): sc-83867

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 NF κ B expression, thereby inhibiting NF κ B-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.

SOURCE

BCORL2 (P-18) is an affinity purified rabbit polyclonal antibody raised against a peptide mapping within an internal region of BCORL2 of human origin.

RESEARCH USE

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

PRODUCT

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

Blocking peptide available for competition studies, ready P, (100 μ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

BCORL2 (P-18) 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).

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.

STORAGE

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

PROTOCOLS

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