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BCL7B Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17168b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9BQE9
Other Accession	Q921K9, Q3T0A6, NP_001698.2
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36546
Calculated MW	22195
Antigen Region	137-164

Additional Information

Gene ID	9275
Other Names	B-cell CLL/lymphoma 7 protein family member B, Hom s 3, BCL7B
Target/Specificity	This BCL7B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 137-164 amino acids from the C-terminal region of human BCL7B.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	BCL7B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BCL7B
Function	Positive regulator of apoptosis. Plays a role in the Wnt signaling pathway, negatively regulating the expression of Wnt signaling components CTNNB1 and HMGA1 (PubMed:25569233). Involved in cell cycle progression,

	maintenance of the nuclear structure and stem cell differentiation (PubMed:25569233). May play a role in lung tumor development or progression (By similarity).
Tissue Location	Ubiquitous.

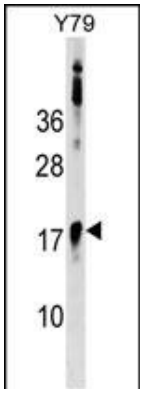
Background

This gene encodes a member of the BCL7 family including BCL7A, BCL7B and BCL7C proteins. This member is BCL7B, which contains a region that is highly similar to the N-terminal segment of BCL7A or BCL7C proteins. The BCL7A protein is encoded by the gene known to be directly involved in a three-way gene translocation in a Burkitt lymphoma cell line. This gene is located at a chromosomal region commonly deleted in Williams syndrome. This gene is highly conserved from C. elegans to human. Multiple alternatively spliced transcript variants have been found for this gene.

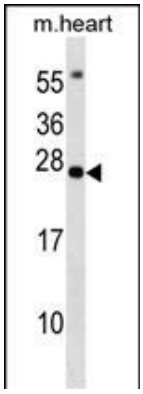
References

Fontaine-Bisson, B., et al. Diabetologia 53(10):2155-2162(2010)
Kathiresan, S., et al. Nat. Genet. 40(2):189-197(2008)
Willer, C.J., et al. Nat. Genet. 40(2):161-169(2008)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Jadayel, D.M., et al. Gene 224 (1-2), 35-44 (1998) :

Images

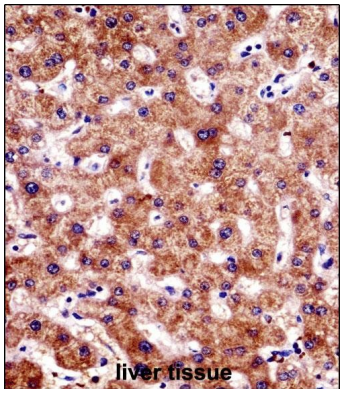


BCL7B Antibody (C-term) (Cat. #AP17168b) western blot analysis in Y79 cell line lysates (35ug/lane).This demonstrates the BCL7B antibody detected the BCL7B protein (arrow).



BCL7B Antibody (C-term) (Cat. #AP17168b) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the BCL7B antibody detected the BCL7B protein (arrow).

BCL7B Antibody (C-term) (AP17168b)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of BCL7B



Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.