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BCOR Antibody (Center S1122) Blocking Peptide

Synthetic peptide
Catalog # BP7359c

Specification

BCOR Antibody (Center S1122) Blocking Peptide - Product Information

Primary Accession Q6W2J9

BCOR Antibody (Center S1122) Blocking Peptide - Additional Information

Gene ID 54880

Other Names
BCL-6 corepressor, BCoR, BCOR, KIAA1575

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7359c was selected from the Center region of human BCOR. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BCOR Antibody (Center S1122) Blocking Peptide - Protein Information

Name BCOR

Synonyms KIAA1575

BCOR Antibody (Center S1122) Blocking Peptide - Background

BCOR was identified as an interacting corepressor of BCL6, a POZ/zinc finger transcription repressor that is required for germinal center formation and may influence apoptosis. This protein selectively interacts with the POZ domain of BCL6, but not with eight other POZ proteins. Specific class I and II histone deacetylases (HDACs) have been shown to interact with this protein, which suggests a possible link between the two classes of HDACs.

BCOR Antibody (Center S1122) Blocking Peptide - References

Ghetu,A.F., Mol. Cell 29 (3), 384-391 (2008)Hilton,E.N., Hum. Mol. Genet. 16 (14), 1773-1782 (2007)

Function
Transcriptional corepressor. May specifically inhibit gene expression when recruited to promoter regions by sequence-specific DNA- binding proteins such as BCL6 and MLLT3. This repression may be mediated at least in part by histone deacetylase activities which can associate with this corepressor. Involved in the repression of TFAP2A; impairs binding of BCL6 and KDM2B to TFAP2A promoter regions. Via repression of TFAP2A acts as a negative regulator of osteo-dentiogenic capacity in adult stem cells; the function implies inhibition of methylation on histone H3 'Lys-4' (H3K4me3) and 'Lys-36' (H3K36me2).

Cellular Location
Nucleus.

Tissue Location
Ubiquitously expressed.

BCOR Antibody (Center S1122) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides