

BCOR Antibody (Center S1122) Blocking Peptide
Synthetic peptide
Catalog # BP7359c**Specification**

BCOR Antibody (Center S1122) Blocking Peptide - Product InformationPrimary Accession [O6W2J9](#)**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](/products/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

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](#)

BCOR Antibody (Center S1122) Blocking Peptide - Images**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)