

ARG65694 anti-BCOR / BCL6 corepressor antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes BCOR / BCL6 corepressor
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BCOR / BCL6 corepressor
Species	Human
Immunogen	Synthesized peptide around aa. 1200-1280 (Center) of Human BCoR.
Conjugation	Un-conjugated
Alternate Names	BCL-6 corepressor; ANOP2; MCOPS2; BCoR; MAA2

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:300
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

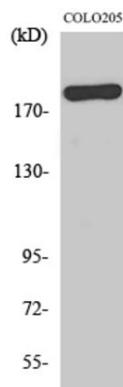
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol, 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

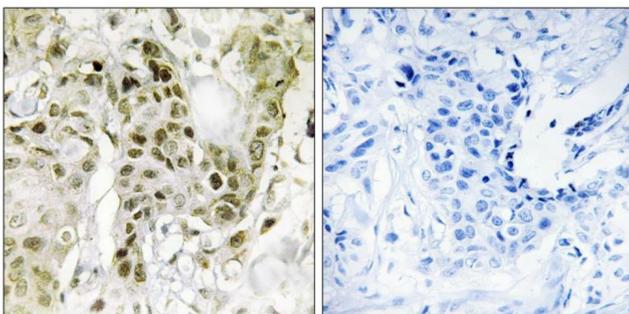
Database links	GeneID: 54880 Human Swiss-port # Q6W2J9 Human
Gene Symbol	BCOR
Gene Full Name	BCL6 corepressor
Background	The protein encoded by this gene was identified as an interacting corepressor of BCL6, a POZ/zinc finger transcription repressor that is required for germinal center formation and 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. Several transcript variants encoding different isoforms have been found for this gene. A pseudogene of this gene is found on chromosome Y. [provided by RefSeq, Jun 2010]
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). [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	192 kDa

Images



ARG65694 anti-BCOR / BCL6 corepressor antibody WB image

Western blot: COLO205 cells stained with ARG65694 anti-BCOR / BCL6 corepressor antibody.



ARG65694 anti-BCOR / BCL6 corepressor antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast carcinoma tissue stained with ARG65694 anti-BCOR / BCL6 corepressor antibody (left), or the same antibody pre-incubated with antigen (right).