

Rabbit anti-Human, Mouse BCOR Polyclonal Antibody | anti-BCOR antibody

BCOR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324209	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BCOR; Polyclonal Antibody; BCOR Antibody; 5830466J11Rik; 8430401K06Rik; ANOP 2; ANOP2; BCL 6 co repressor; BCL 6 corepressor; BCL 6 interacting corepressor; BCL-6 corepressor; BCL6 co repressor; BCL6 corepressor; BCL6 interacting corepressor; BCoR; BCOR_HUMAN; FLJ20285; FLJ38041; KIAA1575; MAA 2; MAA2; MCOPS 2; MCOPS2; MGC131961; MGC71031; anti-BCOR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	BCOR antibody detects endogenous levels of total BCOR
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1721
Applicable Applications for anti-BCOR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Ubiquitously expressed.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa, using BCOR Antibody.



IHC (Immunohistochemistry)

AAA324209 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324209 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BCOR antibody	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-dentogenic capacity in adult stem cells; the function implies inhibition of methylation on histone H3 'Lys-4' (H3K4me3) and 'Lys-36' (H3K36me2). Subunit Structure: Interacts with BCL6; the interaction is direct (PubMed:10898795). Forms ternary complexes with BCL6 and SMRT/NCOR2 on selected target genes promoters; potently repress expression (PubMed:23911289, PubMed:18280243). Can interact with HDAC1, HDAC3 and HDAC5 (PubMed:10898795). Interacts with PCGF1; the interaction is direct (PubMed:16943429, PubMed:23523425, PubMed:26687479). Interacts with KDM2B. Component of an approximately 800 kDa repressive BCOR complex at least composed of BCOR, RYBP, PCGF1, RING1, RNF2/RING2, KDM2B and SKP1 (PubMed:16943429). Interacts with CPNE4 (via VWFA domain) (By similarity). Isoform 1 may interact with MLLT3/AF9 (By similarity). Similarity: Belongs to the BCOR family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	183396783
NCBI GeneID	54880
NCBI Accession #	NP_001116855.1
NCBI GenBank Nucleotide #	NM_001123383.1
UniProt Accession #	Q6W2J9; Q29RF6; Q6P4B6; Q7Z2K7; Q8TEB4; Q96DB3; Q9H232; Q9H233; Q9HCJ7; Q9NXF2; D3DWB3; D3DWB4
Molecular Weight	Observed: 192 kD Predicted: 193 kDa
NCBI Official Full Name	BCL-6 corepressor isoform a
NCBI Official Synonym Full Names	BCL6 corepressor
NCBI Official Symbol	BCOR
NCBI Official Synonym Symbols	MAA2; ANOP2; MCOPS2
NCBI Protein Information	BCL-6 corepressor
UniProt Protein Name	BCL-6 corepressor
UniProt Gene Name	BCOR
UniProt Synonym Gene Names	KIAA1575; BCoR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.