

产品名称: BCoR Rabbit Polyclonal Antibody
产品货号: APRab07518



产品概述 (Summary)

产品名称 (Production Name)	BCoR Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BCOR
别名 (Alternative Names)	BCOR; KIAA1575; BCL-6 corepressor; BCoR
基因 ID (Gene ID)	54880.0
蛋白 ID (SwissProt ID)	Q6W2J9.The antiserum was produced against synthesized peptide derived from human BCOR. AA range:1231-1280

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	192kDa

研究背景 (Background)

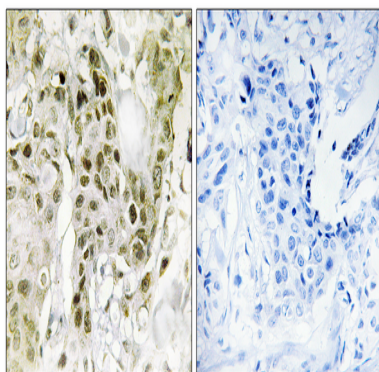
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The protein encoded by this gene was identified as an interacting corepressor of BCL6, a POZ/zinc finger transcription repressor that is required for germinal center formation and may influence apoptosis. This protein selectively interacts with the 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],disease:Defects in BCOR are the cause of microphthalmia syndromic type 2 (MCOPS2) [MIM:300166]. Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues (anophthalmia). In many cases, microphthalmia/anophthalmia occurs in association with syndromes that include non-ocular abnormalities. MCOPS2 is a very rare multiple congenital anomaly syndrome characterized by eye anomalies (congenital cataract, microphthalmia, or secondary glaucoma), facial abnormalities (long narrow face, high nasal bridge, pointed nose with cartilages separated at the tip, cleft palate, or submucous cleft palate), cardiac anomalies (atrial septal defect, ventricular septal defect, or floppy mitral valve) and dental abnormalities (canine radiculomegaly, delayed dentition, oligodontia, persistent primary teeth, or variable root length).,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.,sequence caution:Contaminating sequence. Presence of complementary strand sequence in the clone.,sequence caution:Intron retention.,similarity:Belongs to the BCOR family.,similarity:Contains 3 ANK repeats.,subunit:Isoform 1 may interact with MLLT3/AF9 (By similarity). Interacts with BCL6. Can interact with HDAC1, HDAC3 and HDAC5. Component of repressive BCOR complex containing Polycomb group subcomplex at least composed of RYBP, PCGF1, RING1 and RNF2/RING2.,tissue specificity:Ubiquitously expressed.,

研究领域 (Research Area)

图片 (Image Data)

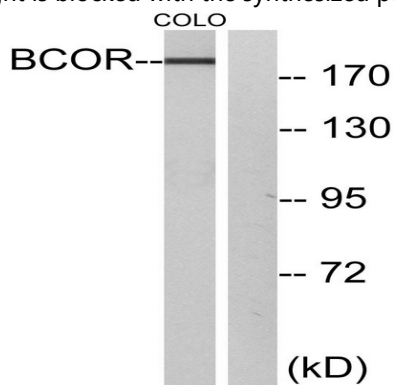


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using BCOR Antibody. The picture on

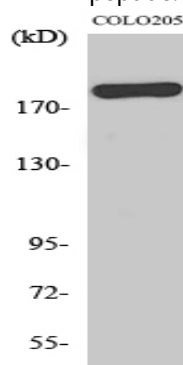
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the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO cells, using BCoR Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using BCoR Polyclonal Antibody diluted at 1: 500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

注意事项 (Note)

For research use only .