

For Research Use Only

# BCOR Polyclonal antibody

Catalog Number: 12107-1-AP

9 Publications



## Basic Information

<b>Catalog Number:</b> 12107-1-AP	<b>GenBank Accession Number:</b> BC009675	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1100 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54880	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> BCL6 co-repressor	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1703 aa, 186 kDa	
<b>Immunogen Catalog Number:</b> AG2752	<b>Observed MW:</b> 186 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HeLa cells, K-562 cells IP : HEK-293 cells, IHC : human breast cancer tissue,
<b>Cited Applications:</b> ChIP, CoIP, IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

BCOR, a corepressor of BCL6, binds to transcriptional factors and specifically inhibits gene expression. BCOR plays a key role in the early embryonic development, mesenchymal stem cell function and hematopoiesis. BCOR can associate with HDACs, the polycomb group protein, polycomb group Ring finger protein1/nervous system polycomb1 (PCGF1/NSPC1), histone demethylase, F-box- and leucine-rich repeat protein10(FBXL10). Via repression of TFAP2A acts as a negative regulator of osteo-dentogenic capacity in adult stem

## Notable Publications

Author	Pubmed ID	Journal	Application
Haoqing Yang	31568642	Cell Prolif	
Junichiro Takano	36443290	Nat Commun	WB,ChIP
Maria Apellaniz-Ruiz	32222066	J Pathol Clin Res	IHC

## Storage

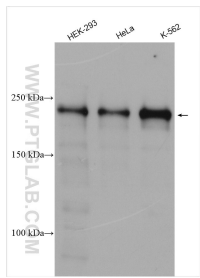
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

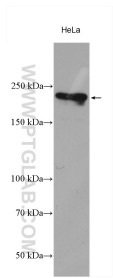
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

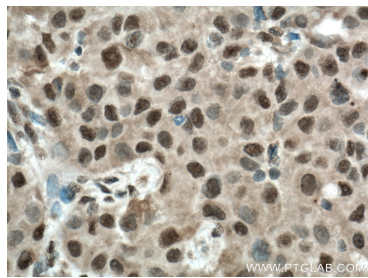
Selected Validation Data



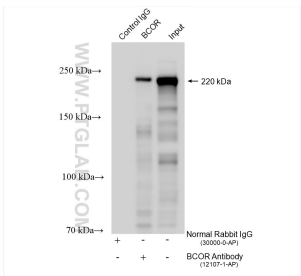
Various lysates were subjected to SDS PAGE followed by western blot with 12107-1-AP (BCOR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12107-1-AP (BCOR antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-BCOR(IP:12107-1-AP, 4ug; Detection:12107-1-AP 1:5000) with HEK-293 cells lysate 920 ug.