

For Research Use Only

# BCOR Polyclonal antibody

Catalog Number: 12107-1-AP **9 Publications**



## Basic Information

**Catalog Number:**

12107-1-AP

**Size:**

1100 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2752

**GenBank Accession Number:**

BC009675

**GeneID (NCBI):**

54880

**UNIPROT ID:**

Q6W2J9

**Full Name:**

BCL6 co-repressor

**Calculated MW:**

1703 aa, 186 kDa

**Observed MW:**

186 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:10000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

ChIP, CoIP, IHC, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : HEK-293 cells, HeLa cells, K-562 cells

IP : HEK-293 cells,

IHC : human breast cancer tissue,

## 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-dentiogenic 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

For technical support and original validation data for this product please contact:

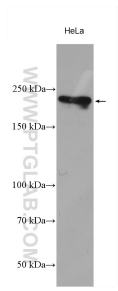
T: 4006900926

E: Proteintech-CN@ptglab.com

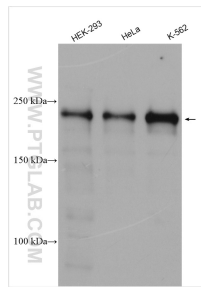
W: ptgcn.com

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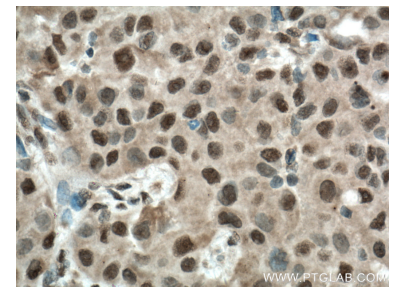
## Selected Validation Data



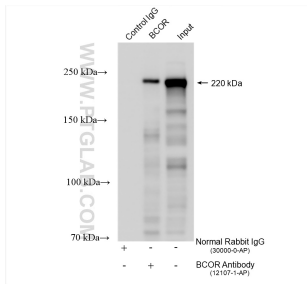
Various lysates were subjected to SDS PAGE followed by western blot with 12107-1-AP (BCOR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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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.