

For Research Use Only

BCOR Polyclonal ANTIBODY



Catalog Number: 12107-1-AP **5 Publications**

Basic Information

Catalog Number: 12107-1-AP	GenBank Accession Number: BC009675	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54880	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500
Source: Rabbit	Full Name: BCL6 co-repressor	
Isotype: IgG	Calculated MW: 1703 aa, 186 kDa	
Immunogen Catalog Number: AG2752	Observed MW: 186 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: HeLa cells, HEK-293 cells IHC: human breast cancer tissue,
Cited Applications: 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	

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	
Maria Apellaniz-Ruiz	32222066	J Pathol Clin Res	IHC
Hitomi Ueno-Yokohata	26098867	Nat Genet	WB, IHC

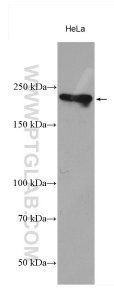
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

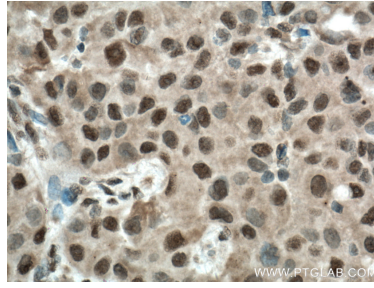
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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.



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).