

For Research Use Only

BCL3 Polyclonal antibody

Catalog Number: 23959-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

23959-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21040

GenBank Accession Number:

BC064993

GeneID (NCBI):

602

UNIPROT ID:

P20749

Full Name:

B-cell CLL/lymphoma 3

Calculated MW:

446 aa, 47 kDa

Observed MW:

48-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IP, CoIP, ChIP

Species Specificity:

human, mouse

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, A549 cells, HeLa cells

IP : HEK-293 cells,

IHC : human lymphoma tissue, mouse spleen tissue

IF/ICC : HepG2 cells,

Background Information

BCL3 (B-cell lymphoma 3 protein) has seven ankyrin repeat domains, a proline-rich N terminal domain and a serine- and proline-rich C-terminal domain (PMID: 31930327). BCL3 is an important contributor to chronic inflammatory disease states, such as osteoarthritis and rheumatoid arthritis (PMID: 12483727). BCL3 is a predominantly nuclear protein containing a trans-activation domain, and it can be recruited to NF- κ B-responsive promoters, resulting in transcriptional activation or repression depending on the subunit composition of NF- κ B complexes (PMID: 25089799, PMID: 30135206). BCL3 is known to be overexpressed in human breast cancers and is associated with reduced metastasis-free survival (PMID: 38255248).

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaojun Ma	34500467	Nucleic Acids Res	IHC
Daniel J Turnham	31957805	Carcinogenesis	WB
Joshua E Burda	35614216	Nature	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

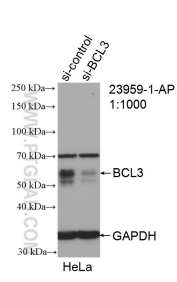
T: 4006900926

E: Proteintech-CN@ptglab.com

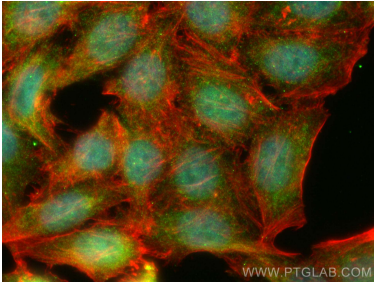
W: ptgcn.com

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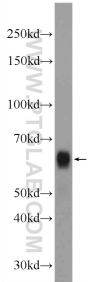
Selected Validation Data



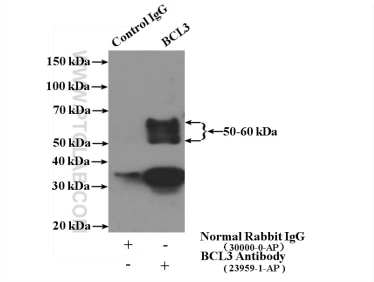
WB result of BCL3 antibody (23959-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-BCL3 transfected HeLa cells.



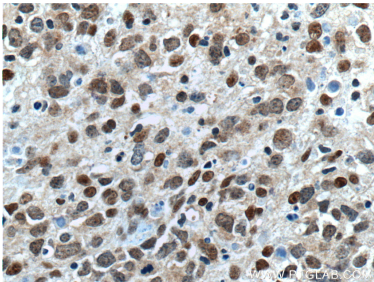
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BCL3 antibody (23959-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 23959-1-AP (BCL3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-BCL3 (IP:23959-1-AP, 4ug; Detection:23959-1-AP 1:600) with HEK-293 cells lysate 3000ug.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 23959-1-AP (BCL3 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).