

For Research Use Only

CBX4 Polyclonal antibody, PBS Only

Catalog Number: 18544-1-PBS

Featured Product



Basic Information

Catalog Number:

18544-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13425

GenBank Accession Number:

BC014967

GeneID (NCBI):

8535

UNIPROT ID:

O00257

Full Name:

chromobox homolog 4 (Pc class homolog, Drosophila)

Calculated MW:

61 kDa

Observed MW:

~75 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

CBX4, also named as E3 SUMO-protein ligase CBX4 or Polycomb 2 homolog, is a 560 amino acid protein, which contains 1 chromo domain. CBX4 facilitates SUMO1 conjugation by UBE2L. CBX4 acting as a transcriptional co-repressor is involved in maintaining the transcriptionally repressive state of genes, modifies chromatin, rendering it heritably changed in its expressibility. CBX4 localizes in the nucleus and is widely expressed in various tissues. The calculated molecular weight of CBX4 is 61 kDa, but the modified CBX4 may be a 70-75 kDa protein.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

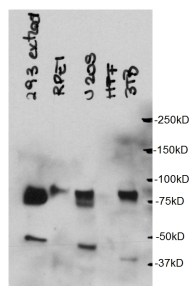
T: 4006900926

E: Proteintech-CN@ptglab.com

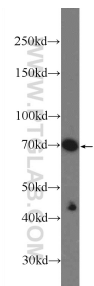
W: ptgcn.com

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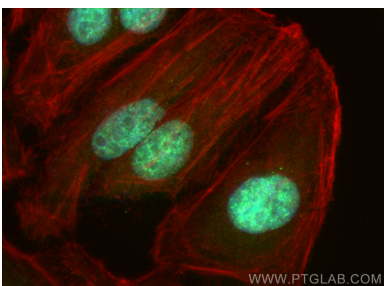
Selected Validation Data



WB result of anti-CBX4 (18544-1-AP) with various cell. (Courtesy of L. Pirone and R. Barrio, CIC bioGUNE). This data was developed using the same antibody clone with 18544-1-PBS in a different storage buffer formulation.



PC-3 cells were subjected to SDS PAGE followed by western blot with 18544-1-AP (CBX4 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18544-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CBX4 antibody (18544-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 18544-1-PBS in a different storage buffer formulation.