

For Research Use Only

CBX3 Monoclonal antibody, PBS Only

Catalog Number: 66446-1-PBS



Basic Information

Catalog Number:

66446-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG19112

GenBank Accession Number:

BC000954

GeneID (NCBI):

11335

UNIPROT ID:

Q13185

Full Name:

chromobox homolog 3 (HP1 gamma homolog, Drosophila)

Calculated MW:

21 kDa

Observed MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

1A5A3

Applications

Tested Applications:

WB, IF, Indirect ELISA

Species Specificity:

human, mouse

Background Information

The family of Heterochromatin protein 1 (HP1) proteins is a family of highly conserved heterochromatin-associated non-histone chromosomal proteins, which has important functions in nucleus. These functions include gene activation or repression, regulation of binding of cohesion complexes to centromere, sequestration of genes to nuclear periphery, and heterochromatin formation and propagation. Much evidence shows that HP1 proteins interact with numerous proteins including methylated histones, histone methyltransferases and so on. CBX3 is one of the paralogues of HP1 proteins

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

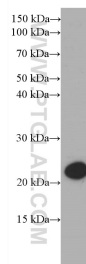
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

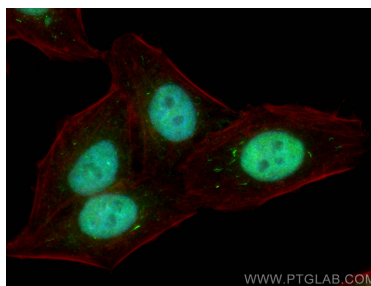
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 66446-1-Ig (CBX3 Antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66446-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CBX3 antibody (66446-1-Ig, Clone: 1A5A3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 66446-1-PBS in a different storage buffer formulation.