

For Research Use Only

CBX3 Monoclonal antibody, PBS Only



Catalog Number: 66446-1-PBS

Basic Information

Catalog Number: 66446-1-PBS	GenBank Accession Number: BC000954	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 11335	CloneNo.: 1A5A3
Source: Mouse	UNIPROT ID: Q13185	
Isotype: IgG2a	Full Name: chromobox homolog 3 (HP1 gamma homolog, Drosophila)	
Immunogen Catalog Number: AG19112	Calculated MW: 21 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IF

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.
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:

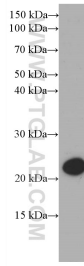
T: 4006900926

E: Proteintech-CN@ptglab.com

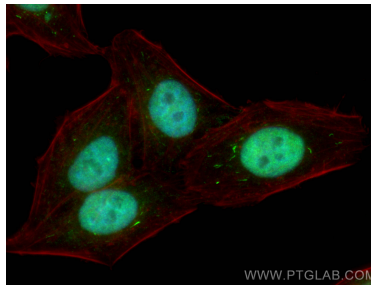
W: ptgcn.com

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Selected Validation Data



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.