

Datasheet for ABIN7147701
anti-CBX3 antibody (AA 10-122)



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1 Image

Overview

Quantity:	100 µg
Target:	CBX3
Binding Specificity:	AA 10-122
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBX3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Chromobox protein homolog 3 protein (10-122AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CBX3
Alternative Name:	CBX3 (CBX3 Products)
Background:	Background: Seems to be involved in transcriptional silencing in heterochromatin-like complexes. Recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic

Target Details

repression. May contribute to the association of the heterochromatin with the inner nuclear membrane through its interaction with lamin B receptor (LBR). Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins. Contributes to the conversion of local chromatin to a heterochromatin-like repressive state through H3 'Lys-9' trimethylation, mediates the recruitment of the methyltransferases SUV39H1 and/or SUV39H2 by the PER complex to the E-box elements of the circadian target genes such as PER2 itself or PER1.

Aliases: CBX 3 antibody, CBX3 antibody, CBX3_HUMAN antibody, Chromobox homolog 3 (HP1 gamma homolog, Drosophila) antibody, Chromobox homolog 3 antibody, Chromobox protein homolog 3 antibody, GAMMA antibody, HECH antibody, Heterochromatin like protein 1 antibody, Heterochromatin protein 1 homolog gamma antibody, Heterochromatin protein HP1 gamma antibody, HP1 gamma antibody, HP1 gamma homolog antibody, HP1Hs gamma antibody, Modifier 2 protein antibody

UniProt: [Q13185](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

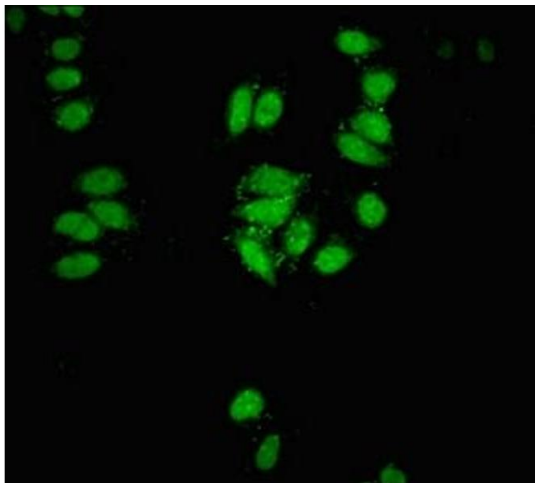
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7147701 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)