

CBX1 Rabbit pAb

Catalog # AP98205

Product Information

Application	IHC-P, IHC-F, IF
Reactivity	Rat
Predicted	Human, Mouse, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CBX1/HP1 beta
Epitope Specificity	21-120/185
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 chromo domains.
SUBUNIT	Homodimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Component of heterochromatin. Recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. Interaction with lamin B receptor (LBR) can contribute to the association of the heterochromatin with the inner nuclear membrane. Tissue specificity: Expressed in all adult and embryonic tissues.

Additional Information

Gene ID	10951
Other Names	CBX1_HUMAN; CBX1; HP1Hsbeta; Heterochromatin protein 1 homolog beta (HP1 beta); Heterochromatin protein p25; M31; Modifier 1 protein; p25beta; CBX; CBX1_MOUSE; HP1-BETA; HP1Hs-beta; Hp1beta; MOD1; Cbx-rs2; E430007M08Rik; HP1B; chromobox 1; chromobox homolog 1 (Drosophila HP1 beta); chromobox homolog 1; HP1 beta homolog (Drosophila)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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with the inner nuclear membrane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.