

CBX1 / HP1 Beta Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12245**Specification**

CBX1 / HP1 Beta Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	P83916
Reactivity	Human, Mouse, Hamster, Monkey, Pig, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	21kDa KDa

CBX1 / HP1 Beta Antibody (Internal) - Additional Information**Gene ID** 10951**Other Names**

Chromobox protein homolog 1, HP1Hsbeta, Heterochromatin protein 1 homolog beta, HP1 beta, Heterochromatin protein p25, M31, Modifier 1 protein, p25beta, CBX1, CBX

Target/Specificity

Human CBX1. Variants (NP_006798.1; NP_001120700.1) encode the same protein.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CBX1 / HP1 Beta Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

CBX1 / HP1 Beta Antibody (Internal) - Protein Information**Name** CBX1**Synonyms** CBX**Function**

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.

Cellular Location

Nucleus Note=Unassociated with chromosomes during mitosis

Tissue Location

Expressed in all adult and embryonic tissues.

CBX1 / HP1 Beta Antibody (Internal) - Protocols

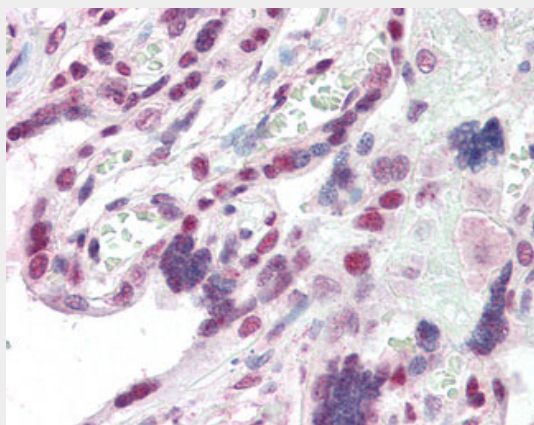
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CBX1 / HP1 Beta Antibody (Internal) - Images



Antibody (0.3 ug/ml) staining of A431 lysate (35 ug protein in RIPA buffer).



Anti-CBX1 antibody IHC of human placenta.

CBX1 / HP1 Beta Antibody (Internal) - Background

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.

CBX1 / HP1 Beta Antibody (Internal) - References

Furuta K.,et al.Chromosoma 106:11-19(1997).
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.
Minc E.,et al.Chromosoma 108:220-234(1999).
Aagaard L.,et al.EMBO J. 18:1923-1938(1999).
Hughes-Davies L.,et al.Cell 115:523-535(2003).