

Product Datasheet

CBX1 Antibody NB100-2423

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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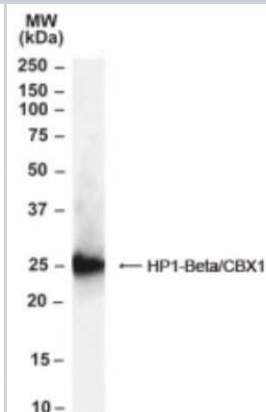
NB100-2423**CBX1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	10951
Gene Symbol	CBX1
Species	Human
Specificity/Sensitivity	Variants (NP_006798.1; NP_001120700.1) encode the same protein.
Immunogen	Peptide with sequence C-QSQKTAHETDKSE corresponding to internal region according to NP_001120700.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 10 ug/ml, Immunohistochemistry 2 - 3 ug/ml, Immunohistochemistry-Paraffin 2 - 3 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 25 kDa band observed in lysates of A431, HeLa and HepG2 (calculated MW of 25 kDa band according to NP_006798.1). IHC-P: Human placenta shows strong nuclear staining in trophoblasts.

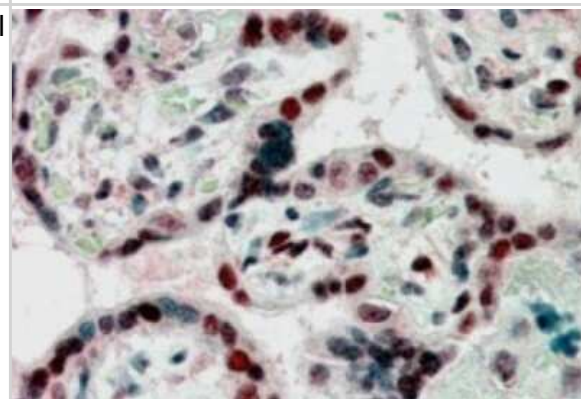


Images

Western Blot: CBX1 Antibody [NB100-2423] - (0.3ug/ml) staining of A431 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: CBX1 Antibody [NB100-2423] - 2.5ug/ml staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Sharma GG, Hwang KK, Pandita RK et al. Human heterochromatin protein 1 isoforms HP1(Hsalph) and HP1 (Hsbeta) interfere with hTERT-telomere interactions and correlate with changes in cell growth and response to ionizing radiation. Mol Cell Biol 2003-11-01 [PMID: 14585993]



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Products Related to NB100-2423

NBL1-08746	CBX1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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