

# Product Datasheet

## **Cbx8 Antibody** **NB100-96915**

Unit Size: 0.1 mg

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

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**NB100-96915**

Cbx8 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

<b>Host</b>	Goat
<b>Gene ID</b>	57332
<b>Gene Symbol</b>	CBX8
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-RERGTSRVDDKPSS corresponding to internal region according to NP_065700.1.

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 40 kDa band observed in K562 lysates (calculated MW of 43.4 kDa band according to NP_065700.1). An additional band of unknown identity was also consistently observed at 28 kDa. This band was successfully blocked by incubation with the immunizing peptide.

**Images**

Western Blot: Cbx8 Antibody [NB100-96915] - (0.1ug/ml) staining of K562 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Dietrich N, Bracken AP, Trinh E et al. Bypass of senescence by the polycomb group protein CBX8 through direct binding to the INK4A-ARF locus. EMBO J 2007-03-21 [PMID: 17332741]



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### **Products Related to NB100-96915**

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NBL1-08753	Cbx8 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

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### **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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