10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CBX8 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10139

Specification

CBX8 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9HC52
Other Accession	Q9HC52, NP_065700, NM_020649
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast**
Predicted	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**43 kDa KDa**

CBX8 antibody - N-terminal region - Additional Information

Gene ID 57332

Alias Symbol	**HPC3, PC3, RC1**

Other Names
Chromobox protein homolog 8, Polycomb 3 homolog, Pc3, hPc3, Rectachrome 1, CBX8, PC3, RC1

Target/Specificity
CBX8 is one of the proteins homolog to the Polycomb group (PcG) proteins. They assemble to form large multiprotein complexes involved in gene silencing. Evidence suggests that PcG complexes are heterogeneous with respect to both protein composition and specific function.

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-CBX8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
CBX8 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CBX8 antibody - N-terminal region - Protein Information

Name CBX8

Synonyms PC3, RC1

Function

Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

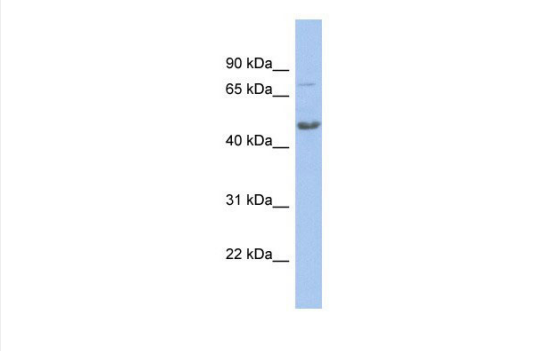
Cellular Location
Nucleus.

CBX8 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CBX8 antibody - N-terminal region - Images



CBX8 antibody - N-terminal region (AI10139) in Human COLO205 cells using Western Blot
WB Suggested Anti-CBX8 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: COLO205 cell lysate

CBX8 antibody - N-terminal region - Background

This is a rabbit polyclonal antibody against CBX8. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).