

CBX8 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21434c

Specification

CBX8 Antibody (Center) - Product Information

Application WB, IHC-P,E
Primary Accession O9HC52
Reactivity Human, Rat
Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG

CBX8 Antibody (Center) - Additional Information

Gene ID 57332

Other Names

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

Target/Specificity

This CBX8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 197-230 amino acids from the Central region of human CBX8.

Dilution

WB~~1:8000 IHC-P~~1:100

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

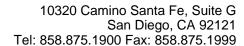
CBX8 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CBX8 Antibody (Center) - 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.

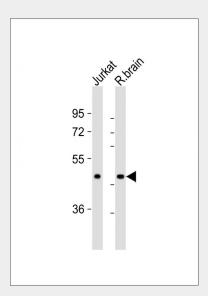
Cellular Location Nucleus.

CBX8 Antibody (Center) - Protocols

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

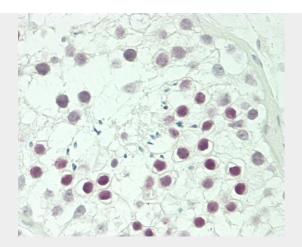
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CBX8 Antibody (Center) - Images



All lanes : Anti-CBX8 Antibody (Center) at 1:8000 dilution Lane 1: Jurkat whole cell lysates Lane 2: rat brain lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.





Formalin-fixed and paraffin-embedded H.testis tissue reacted with CBX8 Antibody (Center) (Cat#AP21434c).

CBX8 Antibody (Center) - Background

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.

CBX8 Antibody (Center) - References

Bardos J.I., et al.J. Biol. Chem. 275:28785-28792(2000). Michael M.Z., et al. Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases. Ota T., et al. Nat. Genet. 36:40-45(2004). Garcia-Cuellar M.P., et al. Oncogene 20:411-419(2001). Levine S.S., et al. Mol. Cell. Biol. 22:6070-6078(2002).