

CBX6 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11489**Specification**

CBX6 antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	O95503
Other Accession	NM_014292 , NP_055107
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Zebrafish, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 44kDa KDa

CBX6 antibody - N-terminal region - Additional Information**Gene ID** 23466**Other Names**

Chromobox protein homolog 6, CBX6

Format

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

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-CBX6 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

CBX6 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CBX6 antibody - N-terminal region - Protein Information**Name** CBX6**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 (PubMed: <http://www.uniprot.org/citations/21282530> target="_blank">21282530). 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. Possibly contributes to the target selectivity of the PRC1 complex by binding specific regions of chromatin (PubMed: <http://www.uniprot.org/citations/18927235> target="_blank">18927235). Recruitment to chromatin might occur in an H3K27me3- independent fashion (By similarity). May have a

PRC1-independent function in embryonic stem cells (By similarity).

Cellular Location

Nucleus. Chromosome. Note=Uniformly distributed in the nucleoplasm (PubMed:18927235).

Localizes to the inactivated X chromosome in females (By similarity).

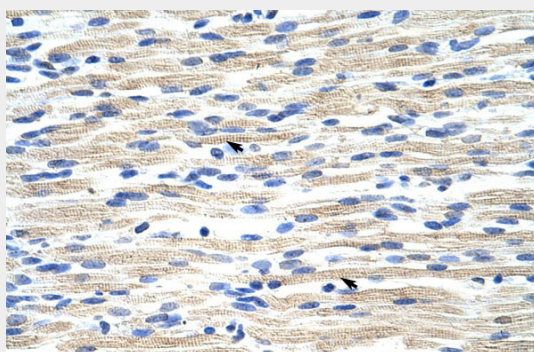
{ECO:0000250|UniProtKB:Q9DBY5, ECO:0000269|PubMed:18927235}

CBX6 antibody - N-terminal region - Protocols

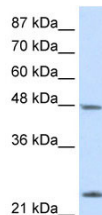
Provided below are standard protocols that you may find useful for product applications.

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

CBX6 antibody - N-terminal region - Images



Human Muscle



WB Suggested Anti-CBX6 Antibody Titration: 2.5µg/ml

Positive Control: HepG2 cell lysate

CBX6 antibody - N-terminal region - References

Strausberg, R.L., (2002) Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.