

## Anti-CBX1 [RAB-C145] Standard Size Ab01704-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Human Fab format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** RAB-C145

**Alternative Name(s) of Target:** HP1 beta; Chromobox protein homolog 1; HP1Hsbeta; Heterochromatin protein 1 homolog beta; Heterochromatin protein p25; M31; Modifier 1 protein; p25beta; anti-CBX1-RAB-C145; 41G3\_36

**UniProt Accession Number of Target Protein:** P83916

**Published Application(s):** CHIP, IP-MS, ELISA, IF

**Published Species Reactivity:** Human

**Immunogen:** This antibody was obtained by recombinant antibody (rAb) phage display recognizing CBX1 protein under non-denaturing conditions.

**Specificity:** This antibody recognizes CBX1 (Chromobox protein homolog 1). It binds to a folded domain, amino acids 20-73. CBX1 is a component of heterochromatin. It recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression.

**Application Notes:** This antibody has been used and recommended for the following methods: ELISA; IF; IP-MS; ChIP.

**Antibody First Published in:** [PMID:](#)

**Note on publication:** More information on this antibody can be found on the website of the [Recombinant Antibody Network](#).

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.