

## Goat CBX1/HP1-Beta Polyclonal Antibody | anti-CBX1 antibody

Goat anti-CBX1/HP1-Beta Antibody

| CATALOG # | HOST | REACTIVITY                                                                    | APPLICATIONS                              |
|-----------|------|-------------------------------------------------------------------------------|-------------------------------------------|
| AAA60843  | Goat | Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow | Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

CBX1/HP1-Beta; Polyclonal Antibody; Goat anti-CBX1/HP1-Beta Antibody; CBX1; HP1-BETA; chromobox homolog 1 (HP1 beta homolog Drosophila); HGNC: 1551; CBX; HP1Hs-beta; M31; MOD1; chromobox homolog 1 (Drosophila HP1 beta); heterochromatin protein p25 beta; HP1Hsbeta; p25beta; heterochromatin protein 1-beta; modifier 1 protein; CBX1 antibody; HP1-BETA antibody; chromobox homolog 1 (HP1 beta homolog Drosophila) antibody; HGNC: 1551 antibody; CBX antibody; HP1Hs-beta antibody; M31 antibody; MOD1 antibody; chromobox homolog 1 (Drosophila HP1 beta) antibody; heterochromatin protein p25 beta antibody; HP1Hsbeta antibody; p25beta antibody; heterochromatin protein 1-beta antibody; modifier 1 protein antibody; CBX1 / HP1-Beta; anti-CBX1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                  |
| Reactivity                                     | Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow                                                         |
| Clonality                                      | Polyclonal                                                                                                                            |
| Purity/Purification                            | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                  | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                       | QSQKTAHETD KSE                                                                                                                        |
| Sequence Length                                | 185                                                                                                                                   |
| Applicable Applications for anti-CBX1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                                                  |
| Immunogen                                      | Peptide with sequence C-QSQKTAHETDKSE, from the internal region of the protein sequence according to NP_006798.1; NP_001120700.1.     |
| Epitope                                        | Internal region                                                                                                                       |
| Note                                           | Variants (NP_006798.1; NP_001120700.1) encode the same protein.                                                                       |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

### IMAGES



#### IHC (Immunohistochemistry)

2.5ug/ml staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### WB (Western Blot)

0.3ug/ml staining of A431 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### NCBI AND UNIPROT INFORMATION

|           |         |
|-----------|---------|
| NCBI GI # | 5803076 |
|-----------|---------|

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GeneID                      | 10951                                                    |
| NCBI Accession #                 | NP_006798.1; NP_001120700.1                              |
| NCBI GenBank Nucleotide #        | NM_006807.4                                              |
| Molecular Weight                 | 21,418 Da                                                |
| NCBI Official Full Name          | chromobox protein homolog 1                              |
| NCBI Official Synonym Full Names | chromobox 1                                              |
| NCBI Official Symbol             | CBX1                                                     |
| NCBI Official Synonym Symbols    | CBX; M31; MOD1; p25beta; HP1-BETA; HP1Hsbeta; HP1Hs-beta |
| NCBI Protein Information         | chromobox protein homolog 1                              |
| UniProt Protein Name             | Chromobox protein homolog 1                              |
| UniProt Gene Name                | <b>CBX1</b>                                              |
| UniProt Synonym Gene Names       | CBX; HP1 beta                                            |
| UniProt Entry Name               | CBX1_HUMAN                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cbx1-hp1-beta-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/60843>