

## CBX5 polyclonal antibody

Catalog: BS6151

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Heterochromatin protein 1 (HP1) is a family of heterochromatic adaptor molecules involved in both gene silencing and higher order chromatin structure. All three HP1 family members ( $\alpha$ ,  $\beta$ , and  $\gamma$ ) are primarily associated with centromeric heterochromatin; however, HP1 $\beta$  and  $\gamma$  also localize to euchromatic sites in the genome. HP1 proteins are approximately 25 kDa in size and contain a conserved amino-terminal chromodomain, followed by a variable hinge region and a conserved carboxy-terminal chromoshadow domain.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 22 kDa

### Swiss-Prot:

P45973

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:2000

IHC-P: 1:50~1:200

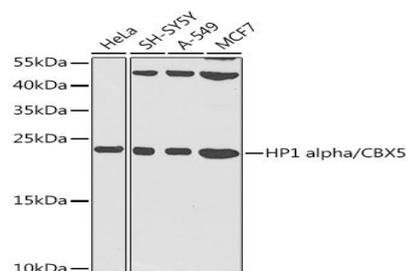
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

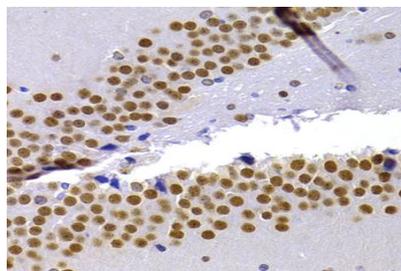
### Specificity:

CBX5 polyclonal antibody detects endogenous levels of CBX5 protein.

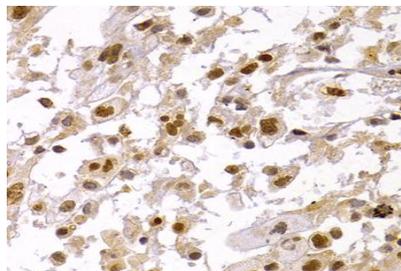
### DATA:



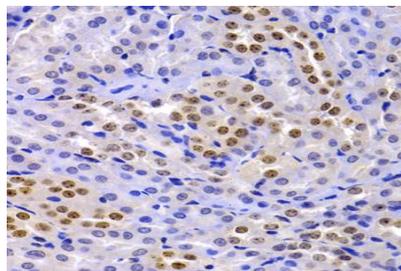
Western blot analysis of extracts of various cell lines, using CBX5 antibody (A12592) at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat hippocampus using CBX5 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human brain astrocytoma using CBX5 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using CBX5 antibody at dilution of 1:100 (40x lens).

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Note:

For research use only, not for use in diagnostic procedure.

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