

## Anti-CBX5 Polyclonal Antibody

Cat: AC51435

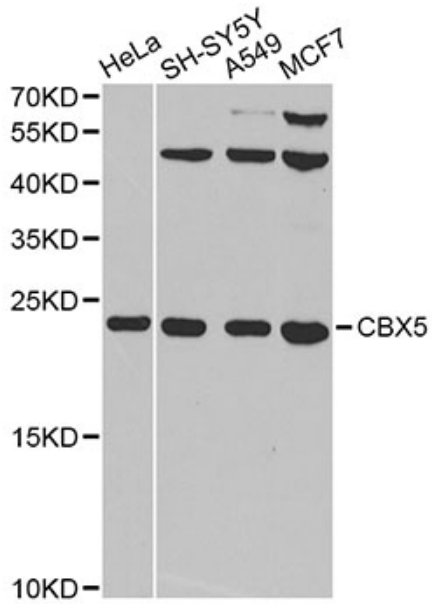
### Summary:

- 【Product name】** : Anti-CBX5 antibody      **【Source】** : Rabbit  
**【Isotype】** : IgG      **【Species reactivity】** : Human Mouse Rat  
**【Swiss Prot】** : P45973      **【Gene ID】** : 23468  
**【Calculated】** : MW:22kDa      **【Observed】** : MW:23kDa  
**【Purification】** : Affinity purification  
**【Tested applications】** : WB, IHC  
**【Recommended dilution】** : WB 1:500-2000. IHC 1:50-200.  
**【WB Positive sample】** : HeLa,SH-SY5Y,A549,MCF-7  
**【IHC Positive sample】** : Rat hippocampus  
**【Subcellular location】** : Chromosome Nucleus centromere  
**【Immunogen】** : Recombinant protein of human CBX5  
**【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

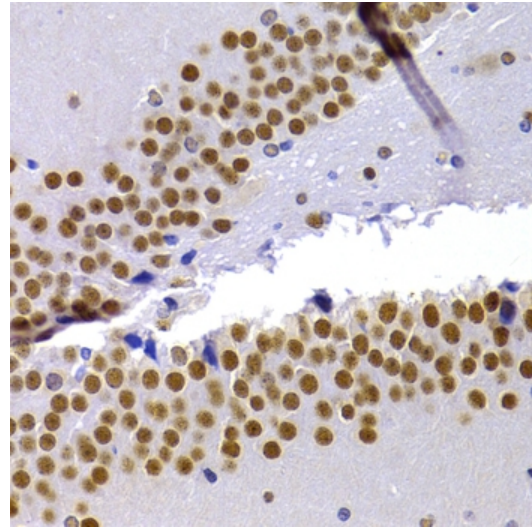
### Background:

This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The encoded product is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins. The gene has a pseudogene located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified.

## Verified picture



Western blot analysis with CBX5 antibody diluted at 1:1000



Immunohistochemistry of paraffin-embedded Rat hippocampus with CBX5 antibody diluted at 1:100