

CBX5 Polyclonal Antibody

Catalog No.	A1098	Category	Polyclonal Antibodies
Applications	WB, IF, IP, ChIP	Observed MW	22kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	22kDa

Immunogen Information

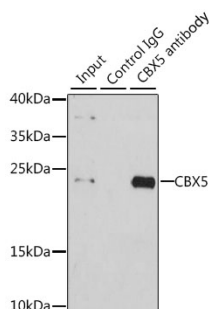
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-191 of human CBX5 (NP_001120794.1).
Gene ID	23468
Swiss prot	P45973
Synonyms	CBX5; HEL25; HP1; HP1A; chromobox 5

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.



Immunoprecipitation - CBX5 Polyclonal Antibody (A1098)

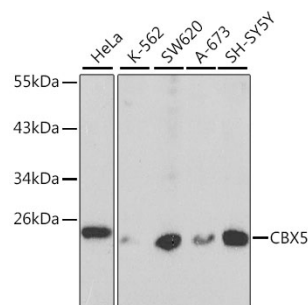
Recommended Dilutions

WB 1:500 -
1:2000

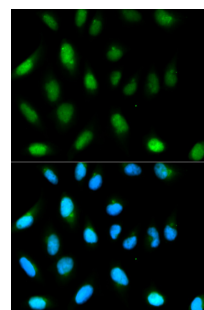
IF 1:50 -
1:200

IP 1:50 -
1:200

ChIP 1:20 -
1:100



Western blot - CBX5 Polyclonal Antibody (A1098)



Immunofluorescence - CBX5 Polyclonal Antibody (A1098)