

CBX5 antibody

Product Information

Catalog No.:	FNab01332
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	chromobox homolog 5 (HP1 alpha homolog, Drosophila)
Synonyms:	Chromobox protein homolog 5 Antigen p25 Heterochromatin protein 1 homolog alpha (HP1 alpha) CBX5 HP1A
Observed MW:	23 kDa
Uniprot ID :	P45973

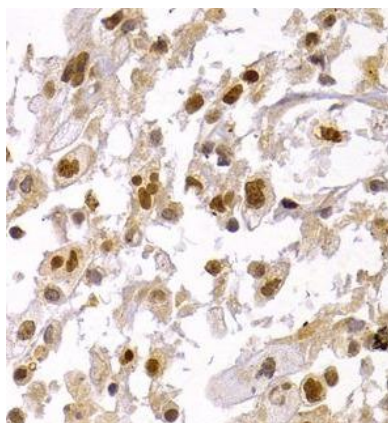
Application

Reactivity:	Human, Mouse, Rat
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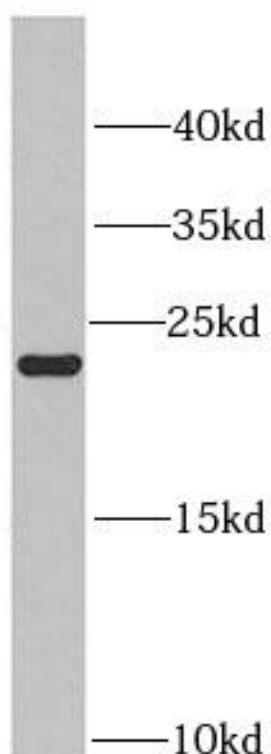
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human brain using FNab01332(CBX5 antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with FNab01332(CBX5 antibody) at dilution of 1:1000