

CBX3 antibody

Product Information

Catalog No.:	FNab01330
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

At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. The protein encoded by this gene binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane. The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane. This protein binds histone H3 tails methylated at Lys-9 sites. This protein is also recruited to sites of ultraviolet-induced DNA damage and double-strand breaks. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene.

Immunogen information

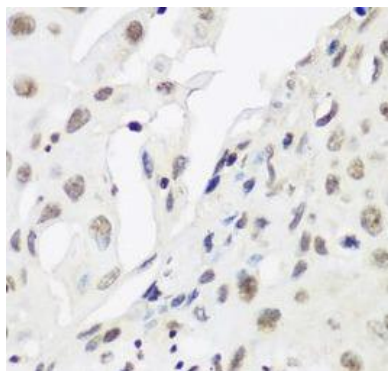
Immunogen:	chromobox homolog 3 (HP1 gamma homolog, Drosophila)
Synonyms:	Chromobox protein homolog 3 HECH Heterochromatin protein 1 homolog gamma (HP1 gamma) Modifier 2 protein CBX3
Observed MW:	23 kDa
Uniprot ID :	Q13185

Application

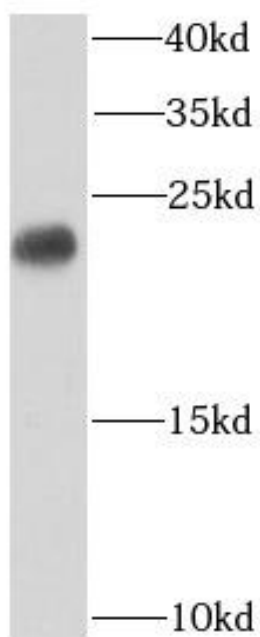
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC

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

Image:



Immunohistochemistry of paraffin-embedded human lung cancer using FNab01330(CBX3 antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with FNab01330(CBX3 antibody) at dilution of 1:1000