

RK05631

Leader in Biomolecular Solutions for Life Science



# [One Step] CBX3 Antibody Kit

Catalog No.: RK05631

## Basic Information

### Applications

### Cross-Reactivity

Human, Mouse, Rat

### Observed MW

23kDa

### Calculated MW

21kDa

### Category

Antibody kit

## 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.

## Product Information

### Source

Rabbit

### Purification

### Storage

Avoid repeated freeze-thaw cycles.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05631-1	[KO Validated] HP1 gamma/CBX3 Rabbit pAb	21kDa
RK05631-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	23kDa

## Immunogen Information

### Gene ID

11335

### Swiss Prot

Q13185

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-183 of human HP1 gamma/HP1 gamma/CBX3 (NP\_009207.2).

### Synonyms

HECH; HP1-GAMMA; HP1Hs-gamma; X3