

## CBX3 rabbit monoclonal antibody

Catalog # H00011335-K

Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human CBX3 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human CBX3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human CBX3 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — CBX3

Entrez GeneID	<a href="#">11335</a>
GeneBank Accession#	<a href="#">CBX3</a>
Gene Name	CBX3
Gene Alias	HECH, HP1-GAMMA, HP1Hs-gamma
Gene Description	chromobox homolog 3 (HP1 gamma homolog, Drosophila)
Omim ID	<a href="#">604477</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene. [provided by RefSeq]
Other Designations	HP1 gamma homolog OTTHUMP00000024529 OTTHUMP00000122519 chromobox homolog 3 heterochromatin protein HP1 gamma heterochromatin-like protein 1