

For Research Use Only

# CBX2 Polyclonal antibody

Catalog Number:15579-1-AP

Featured Product

11 Publications



## Basic Information

### Catalog Number:

15579-1-AP

### Size:

150ul , Concentration: 650 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7979

### GenBank Accession Number:

BC004252

### GeneID (NCBI):

84733

### UNIPROT ID:

Q14781

### Full Name:

chromobox homolog 2 (Pc class homolog, Drosophila)

### Calculated MW:

56 kDa

### Observed MW:

65-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:8000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

Human, Mouse, Rat

### Cited Species:

human, mouse

### Positive Controls:

WB : HEK-293 cells, mouse heart tissue, HeLa cells, MCF-7 cells, rat heart tissue

## Background Information

The chromobox homologue protein 2 (CBX2) is a critical component of the PRC1 complex involved in antiviral innate immunity, neuronal, and gonadal differentiation, axial patterning during embryonic development, cell proliferation, and senescence (PMID: 32870972). CBX2 has 2 isoforms with the molecular mass of 23 and 56 kDa. Sometimes higher molecular weight around 65-70 kDa can also be observed, which may be a modified variant of CBX2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xun Huang	30220457	Cell	WB
Shipeng Zheng	30972192	Am J Transl Res	WB,IHC
Bangting Wang	40082555	Oncogene	WB,IHC,IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1%BSA

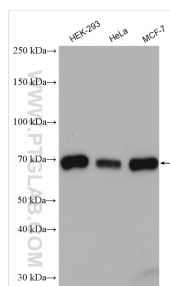
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15579-1-AP (CBX2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.