

For Research Use Only

# CBX6 Polyclonal antibody

Catalog Number: 23426-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 23426-1-AP	<b>GenBank Accession Number:</b> BC064900	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 650 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23466	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> chromobox homolog 6	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 412 aa, 44 kDa	
<b>Immunogen Catalog Number:</b> AG20014	<b>Observed MW:</b> 55-60 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, HEK-293 cells, HeLa cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human skin tissue,
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

The Chromobox domain (Cbx) gene family, consisting of Polycomb and Heterochromatin Protein 1 genes, involves in transcriptional repression, cell cycle regulation and chromatin remodeling [PMID: 17486619]. Cbx6, other named neuronal pentraxin receptor (NPR), first described as a putative integral membrane pentraxin that interacts with neuronal pentraxin 1 and 2, has also been classified as a Pc protein [PMID: 14647293]. NPR was determined to be a member of a distinct pentraxin protein subfamily, and found to form heteropentamer with NP1 and NP2, followed by release from cell membranes [PMID: 10748068].

## Notable Publications

Author	Pubmed ID	Journal	Application
Xun Huang	30220457	Cell	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

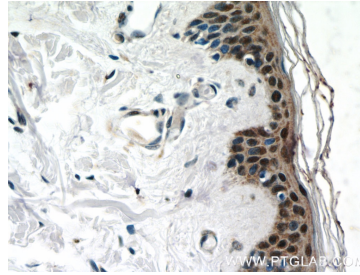
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## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 23426-1-AP (CBX6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin slide using 23426-1-AP (CBX6 Antibody) at dilution of 1:50.