


Anti-Cbx8 antibody ab70796

[3 References](#) [2 Images](#)

Overview

Product name	Anti-Cbx8 antibody
Description	Rabbit polyclonal to Cbx8
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, <i>Xenopus tropicalis</i> 
Immunogen	Synthetic peptide corresponding to a region between residue 350 and the C-terminus (residue 389) of human Cbx8 (NP_065700.1).
Positive control	HeLa and 293T whole cell lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
Purity	Immunogen affinity purified
Purification notes	ab70796 was affinity purified using an epitope specific to Cbx8 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70796 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Detects a band of approximately 43 kDa (predicted molecular weight: 43 kDa).
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

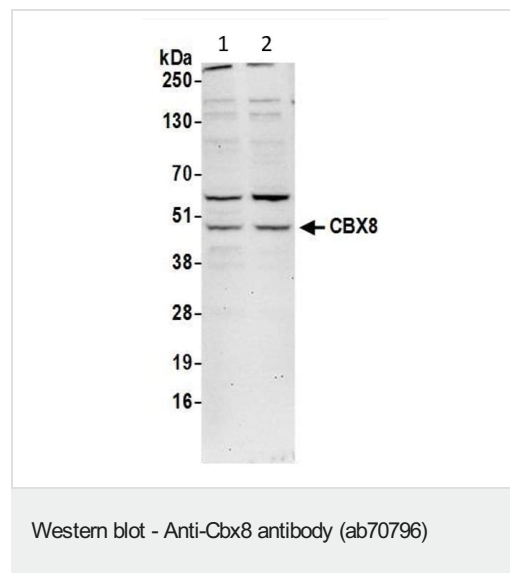
Sequence similarities

Contains 1 chromo domain.

Cellular localization

Nucleus.

Images



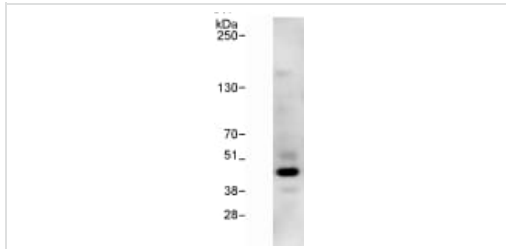
All lanes : Anti-Cbx8 antibody (ab70796) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : HEK293T whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 43 kDa



Immunoprecipitation - Anti-Cbx8 antibody (ab70796)

Detection of Cbx8 by Western Blot of Immunoprecipitate.
ab70796 at 1 µg/ml staining Cbx8 in HeLa whole cell lysate
immunoprecipitated using ab70796 at 3 µg/mg lysate (1 mg/IP; 20%
of IP loaded/lane).
Detection: Chemiluminescence with exposure time of 3 minutes.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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