

Nur für Forschungszwecke

CBX4 Polyklonaler Antikörper

Katalog-Nr.:18544-1-AP

Vorgestelltes Produkt

2 Publikationen



Allgemeine Informationen

Katalog-Nr.:
18544-1-AP

Größe:

150ul, Konzentration: 500 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:
AG13425

GenBank-Zugangsnummer:

BC014967

GeneID (NCBI):

8535

Vollständiger Name:

chromobox homolog 4 (Pc class homolog, Drosophila)

Berechnete Masse:

61 kDa

Beobachtete Masse:

~75 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IF 1:50-1:400

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

In Publikationen genannte Anwendungen:

IF, PLA, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

Positivkontrollen:

WB : Various cell, PC-3-Zellen

IF : U2OS cell, HeLa-Zellen

Hintergrundinformationen

CBX4, also named as E3 SUMO-protein ligase CBX4 or Polycomb 2 homolog, is a 560 amino acid protein, which contains 1 chromo domain. CBX4 facilitates SUMO1 conjugation by UBE2L. CBX4 acting as a transcriptional co-repressor is involved in maintaining the transcriptionally repressive state of genes, modifies chromatin, rendering it heritably changed in its expressibility. CBX4 localizes in the nucleus and is widely expressed in various tissues. The calculated molecular weight of CBX4 is 61 kDa, but the modified CBX4 may be a 70-75 kDa protein.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Immacolata Giordano	34621739	Front Cell Dev Biol	WB,IF,PLA
Zengxi Yang	33464142	Bioengineered	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

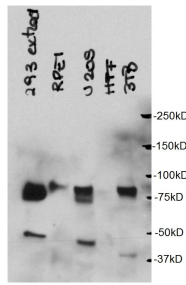
For technical support and original validation data for this product please contact:

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

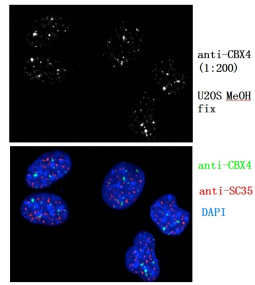
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

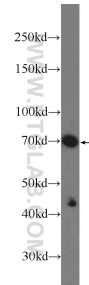
Ausgewählte Validierungsdaten



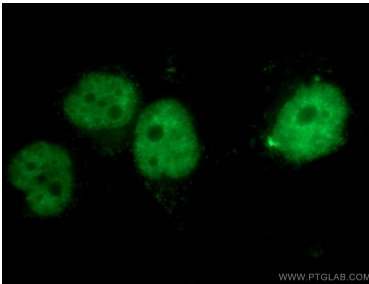
WB result of anti-CBX4 (18544-1-AP) with various cell. (Courtesy of L. Pirone and R. Barrio, CIC bioGUNE).



IF result of anti-CBX4 (18544-1-AP, 1:200) with U2OS cell, MeOH fixation. (Courtesy of L. Pirone and R. Barrio, CIC bioGUNE).



PC-3 cells were subjected to SDS PAGE followed by western blot with 18544-1-AP (CBX4 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 18544-1-AP (CBX4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).