

For Research Use Only

CBX2 Monoclonal antibody, PBS Only



Catalog Number: 68244-1-PBS

Basic Information

Catalog Number:

68244-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8311

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:

Protein G purification

CloneNo.:

1D3H3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human

Background Information

The chromobox homolog 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.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

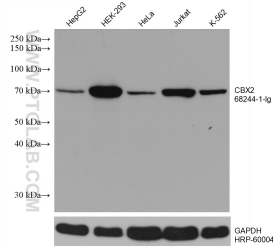
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68244-1-Ig (CBX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68244-1-PBS in a different storage buffer formulation.