

For Research Use Only

CENPB Polyclonal antibody, PBS Only

Catalog Number: 26738-1-PBS



Basic Information

Catalog Number:

26738-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24967

GenBank Accession Number:

BC053847

GeneID (NCBI):

1059

UNIPROT ID:

P07199

Full Name:

centromere protein B, 80kDa

Calculated MW:

65 kDa

Observed MW:

80 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Centromere protein B (CENPB), also known as major centromere autoantigen B, is an autoantigen protein of the cell nucleus. In mammalian centromeres CENPB plays a critical role in the organization of chromatin structure, but in the absence of CENPB some chromosomes use other redundant proteins to accomplish mitosis (PMID: 14963831). CENPB plays an important role in cell cycle regulation. CENPB is highly expressed in cancer cells helping in high rate proliferation. This antibody detects CENPB protein with a molecular weight of 80 kDa (PMID: 34547289, PMID: 29273057).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

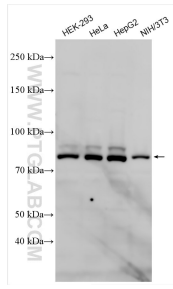
For technical support and original validation data for this product please contact:

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

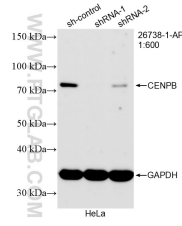
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26738-1-AP (CENPB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26738-1-PBS in a different storage buffer formulation.



WB result of CENPB antibody (26738-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-CENPB transfected HeLa cells. This data was developed using the same antibody clone with 26738-1-PBS in a different storage buffer formulation.