

For Research Use Only

CENPB Polyclonal antibody

Catalog Number: 26738-1-AP



Basic Information

Catalog Number:

26738-1-AP

Size:

150ul, Concentration: 100 ug/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

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, NIH/3T3 cells

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 -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

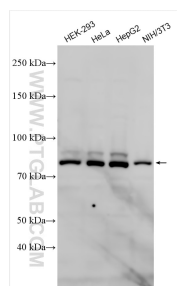
For technical support and original validation data for this product please contact:

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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 26738-1-AP (CENPB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.