

CENPB Polyclonal antibody

Catalog Number: 26738-1-AP

Basic Information

Catalog Number:

26738-1-AP

Size:

100 µg/ml

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:

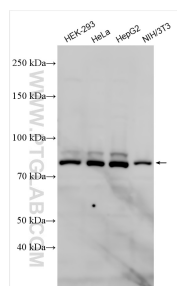
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.