

For Research Use Only

CENPB Polyclonal antibody

Catalog Number: 26738-1-AP



Basic Information

Catalog Number: 26738-1-AP	GenBank Accession Number: BC053847	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 100 µg/ml by Nanodrop;	GeneID (NCBI): 1059	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: centromere protein B, 80kDa	
Isotype: IgG	Calculated MW: 65 kDa	
Immunogen Catalog Number: AG24967	Observed MW: 80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, HepG2 cells, NIH/3T3 cells
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

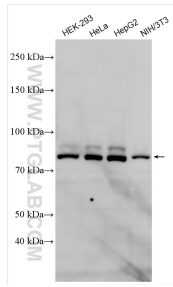
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.