
Product Information

Product SKU:	CAB16817	Gene ID:	1059	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Mouse,Rat

Additional Information

Observed MW:	72kDa	Conjugate:	-
Calculated MW:	65kDa	Isotype:	IgG

Immunogen Information

Background: This gene product is a highly conserved protein that facilitates centromere formation. It is a DNA-binding protein that is derived from transposases of the pogo DNA transposon family. It contains a helix-loop-helix DNA binding motif at the N-terminus, and a dimerization domain at the C-terminus. The DNA binding domain recognizes and binds a 17-bp sequence (CENP-B box) in the centromeric alpha satellite DNA. This protein is proposed to play an important role in the assembly of specific centromere structures in interphase nuclei and on mitotic chromosomes. It is also considered a major centromere autoantigen recognized by sera from patients with anti-centromere antibodies.

Recommended Dilution: WB,1:500 - 1:2000

Synonyms: CENPB

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 500 to the C-terminus of human CENPB (NP_001801.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.