

DNAxPAb

Hard-to-Find Antibody

CENPB DNAPab

Catalog # H00001059-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CENPB DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGPKRRQLTFREKSRIQVEENPDLRKGEIARRFNIPPSTLSTILKNKRAILASERKYGVASTCRKT NKLSPYDKLEGLLIAWFQQIRAAGLPVKGILKEKALRIAEELGMDDFTASNGWLD RFRRRHGVVS CSGVARARARNAAPRTPAAPASPAAVPSEGSGGTTGWRAREEQPPSVAEGYASQDVFSATE TSLWYDFLPDQAAGLCGGDGRPRQATQRLSVLLCANADGSEKLPLLVAGKSAKPRAGQAGLPC DYTANSKGGVTTQALAKYLKALDTRMAAESRRVLLLAGRLAAQSLDTSGLRHVQLAFFPPGTVHP LERGVVQQVKGHYRQAMLLKAMAALEGQDPSGLQLGLTEALHFVAAAWQAVEPSDIAACFREA GFGGGPNATITTSLKSEGE EEEEEEEEEEEEEEGEGEEEEEEGEEEEEGGEGEELGEEEEVEE EGDVDSDEEEEEDEESSSEGLEAEDWAQGVVEAGGSFGAYGAQEEAQCP TLHFLEGGEDSD SDSEEEDEEEDEDEEDDDDDDEEDGDEVPVPSFGEMAYFAMVKRYLTSFPIDDRVQSHLHL EHDLVHVTRKNHARQAGVRGLGHQS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CENPB

Entrez GeneID [1059](#)

GeneBank Accession# [BC053847.1](#)

Protein Accession# [AAH53847.1](#)

Gene Name CENPB

Gene Alias -

Gene Description centromere protein B, 80kDa

Omim ID [117140](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000030132|centromere autoantigen B|centromere protein B|centromere protein B (80kD)