

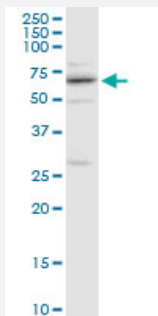
MaxPab®

CENPB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001059-B01P

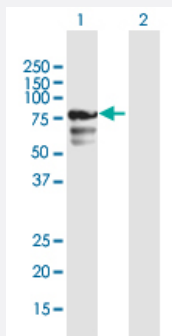
Size 50 ug

Applications



Western Blot (Cell lysate)

CENPB MaxPab polyclonal antibody. Western Blot analysis of CENPB expression in A-431.

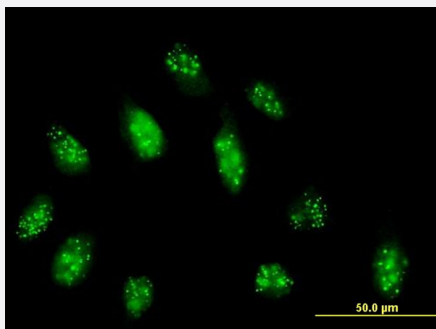


Western Blot (Transfected lysate)

Western Blot analysis of CENPB expression in transfected 293T cell line ([H00001059-T01](#)) by CENPB MaxPab polyclonal antibody.

Lane1:CENPB transfected lysate(65.89 KDa).

Lane2:Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CENPB on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CENPB protein.

Immunogen	CENPB (AAH53847.1, 1 a.a. ~ 599 a.a) full-length human protein.
Sequence	MGPKRRQLTFREKSRIQVEEENPDLRKGEIARRFNIPPSTLSTILKNKRAILASERKYGVASTCRKT NKLSPYDKLEGLLIAWFQQIRAAGLPVKGILKEKALRAEELGMDDFTASNGWLDRFRRRHGVVS CSGVARARARNAAPRTPAAPASPAAVPSEGSGGSTTGWRAREEQPPSVAEGYASQDVFSATE TSLWYDFLPDQAAGLCGGDGRPRQATQRLSVLLCANADGSEKLPPLVAGKSAKPRAGQAGLPC DYTANSKGGVTTQALAKYLKALDTRMAAESRRVLLLAGRLAAQSLDTSGLRHVQLAFFPPGTVHP LERGVVQQVKGHYRQAMLLKAMAALLEGQDPSGLQLGLTEALHFVAAAWQAVEPSDIAACFREA GFGGGP NATITTS LKSEGE EEEEEEEEEEEEEEGEGEEEEEGEEEEEGEGEGEELGEEEEVEE EGDVDSDEEEEEDEESSSEGLEAEDWAQGVVEAGGSFGAYGAQEEAQCPTLHFLEGGEDSD SDSEEDDEEEDDEDEDDEEDGDEVVPVPSFGEAMAYFAMVKRYLTSFPIDDRVQSHLHL EHDLVHVTRKNHARQAGVRGLGHQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90)
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 (Cell lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CENPB expression in transfected 293T cell line ([H00001059-T01](#)) by CENPB MaxPab polyclonal antibody.

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CENPB on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — CENPB

Entrez GeneID [1059](#)**GeneBank Accession#** [NM_001810](#)**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)