

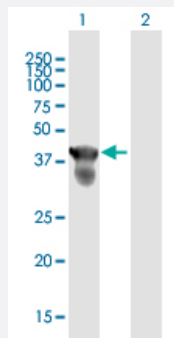
MaxPab®

CENPJ purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055835-B01P

Size 50 ug

Applications

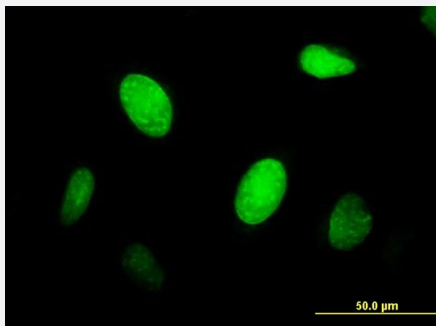


Western Blot (Transfected lysate)

Western Blot analysis of CENPJ expression in transfected 293T cell line ([H00055835-T01](#)) by CENPJ MaxPab polyclonal antibody.

Lane 1: CENPJ transfected lysate(40.92 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

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

Specification

Product Description

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

Immunogen

CENPJ (AAH24209.3, 1 a.a. ~ 372 a.a) full-length human protein.

Sequence

MRKLQKERKVFKEYTTAARTFPDKKEREEIQLKQIADLREDLKRKETKWSSTHSRLRSQIQMLV
RENTDLREEIKVMERFRDLDAWKRAEAIESSLEVEKKDKLANTSVRFQNSQISSGTQVEKYKKNYL
PMQGNPPRRSKSAPPRDLGNLDKGQAASPREPLEPLNFPDPEYKEEEEDQDIQGEISHPDGKV
EKVYKNGCRVILFPNGTRKEVSADGKTITVTFENGDKVQVMPDQQRVIYAAAQTTHTTTYPEGLEVL
HFSSGQIEKHYPDGRKEITFPDQTVKNLFPDGGQEEIFPDGTVRVQRDGNKLIEFNNGQRELHTA
QFKRREYPDGTVKTVYANGHQETKYRSGRIRVKDKEGNVLMDEL

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (81)
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.

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[Protocol Download](#)

- Immunofluorescence

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

Gene Info — CENPJ

Entrez GeneID	55835
GeneBank Accession#	BC024209.2
Protein Accession#	AAH24209.3
Gene Name	CENPJ
Gene Alias	BM032, CPAP, LAP, LIP1, MCPH6, MGC131581, MGC131582, MGC142222, MGC142224
Gene Description	centromere protein J
Omim ID	608393 609279
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein that belongs to the centromere protein family. During cell division, this protein plays a structural role in the maintenance of centrosome integrity and normal spindle morphology, and it is involved in microtubule disassembly at the centrosome. This protein can function as a transcriptional coactivator in the Stat5 signaling pathway, and also as a coactivator of NF- κ B-mediated transcription, likely via its interaction with the coactivator p300/CREB-binding protein. Mutations in this gene are associated with primary autosomal recessive microcephaly, a disorder characterized by severely reduced brain size and mental retardation. [provided by RefSeq]

Other Designations

LAG-3-associated protein|LYST-interacting protein LIP1|LYST-interacting protein LIP7|OTTHUM P00000018137|centrosomal P4.1-associated protein

Disease

- [Genetic Predisposition to Disease](#)
- [Microcephaly](#)