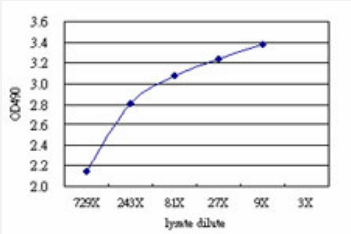
# CENPJ (Human) Matched Antibody Pair

Catalog # H00055835-AP51 Size 1 Set

## Applications




Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the CENPJ 293T overexpression lysate (non-denatured).

## Specification

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| **Product Description** | This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human CENPJ. |
| **Reactivity** | Human |
| **Interspecies Antigen Sequence** | Mouse (83); Rat (81) |
| **Quality Control Testing** | Standard curve using CENPJ 293T overexpression lysate (non-denatured) as an analyte.<br>Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the CENPJ 2 93T overexpression lysate (non-denatured). |
| **Supplied Product** | Antibody pair set content:<br>1. Capture antibody: mouse monoclonal anti-CENPJ (100 ug)<br>2. Detection antibody: rabbit purified polyclonal anti-CENPJ (50 ug)<br>*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols. |
| **Storage Instruction** | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use. |

## Applications

- ELISA Pair (Transfected lysate)

  Protocol Download

## Gene Info — CENPJ

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|---|---|
| **Entrez GeneID** | 55835 |
| **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, thi s protein plays a structural role in the maintenance of centrosome integrity and normal spindle mor phology, 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-ka ppaB-mediated transcription, likely via its interaction with the coactivator p300/CREB-binding pro tein. Mutations in this gene are associated with primary autosomal recessive microcephaly, a dis order 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