

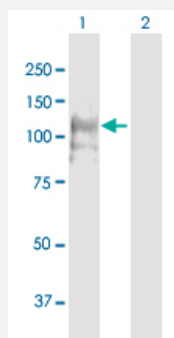
MaxPab®

# CNTROB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00116840-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of CNTROB expression in transfected 293T cell line ([H00116840-T01](#)) by CNTROB MaxPab polyclonal antibody.

Lane 1: CNTROB transfected lysate(99.33 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

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

### Immunogen

CNTROB (AAH21134.1, 1 a.a. ~ 903 a.a) full-length human protein.

### Sequence

MATSADSPSSPLGAEDLLSDSSEPPGLNQVSSEVTSQLYASLRSLRQAEATARAQLYLPSTSPPEGLDGFAGELSRSLSVGLEKNLKKKDGSKHIFEMESVRGQLQTMQLTSRDTAYRDPLIPGAGSERREEDSFDSSTATLLNTRPLQDLSPSSSAQALEELFPRYTSRPGPPLNPPDFQGLRDALDSEHTRRKHCERHIQSLQTRVLELQQQLAVAVAADRKKDTMIEQLDKTLARVVEGWNRRHEAERTEVLRGLQEEHQAAELTRSKQQETVTRLEQSLSEAMEALNREQESARLQQRERETLEERQALTLRLEAEQQRCCVLQEERDAARAGQLSEHRELETLRAALEEERQTWAQQEHQLKEHYQALQEESSQAQLEKEKSQREAQAAWETQHQLALVQSEVRRLEGELDTARRERDALQLEMSLVQARYESQRIQLES ELAVQLEQQRVTERLAQAQESSLRQAASLREHHRKQLQDLSGQHQQELASQLAQFKVEMAEREE RQQQVAEDYELRLAREQARVCELQSGNQQLQEEQRVELVERLQAMLQAHWDEANQLLSTTLPPP NPPAPPAGPSSPGPQEPEKEERRVWTMPMAVALKPVLQQSREARDELPGAPPVLCSSSSDLSLLGPSFQSQHSFQPLEPKPDLTSSTAGAFSALGAFHPDHRAERPFPPEEDPGPDGEGLLKQGLPPAQLEGLKNFLHQLLETVPQNNENPSVDLLPPKSGPLTVPSWEEAPQVPRIPPPVHKTKVPLAMASSLFRVPEPPSSHSQSGSPSSGSPERGGDGLTFPRQLMEVSQLLRLYQARGWGALPAEDLLYLKRLEHSGTDGRGDNVPRRNTDSRLGEIPRKEIPSQAVPRRLATAPKTEKPPARKKSGHPAPSSMSRSGGVWR

### Host

Mouse

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Reactivity                    | Human                                                                    |
| Interspecies Antigen Sequence | Mouse (83); Rat (85)                                                     |
| 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](#)

## Gene Info — CNTROB

|                     |                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">116840</a>                                                                                                                                                                   |
| GeneBank Accession# | <a href="#">BC021134.1</a>                                                                                                                                                               |
| Protein Accession#  | <a href="#">AAH21134.1</a>                                                                                                                                                               |
| Gene Name           | CNTROB                                                                                                                                                                                   |
| Gene Alias          | LIP8, PP1221                                                                                                                                                                             |
| Gene Description    | centrobin, centrosomal BRCA2 interacting protein                                                                                                                                         |
| Omim ID             | <a href="#">611425</a>                                                                                                                                                                   |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                |
| Gene Summary        | CNTROB is a centrosomal protein that interacts with BRCA2 (MIM 600185) and is required for centriole duplication and cytokinesis (Zou et al., 2005 [PubMed 16275750]).[supplied by OMIM] |
| Other Designations  | LYST-interacting protein LIP8 centrosomal BRCA2 interacting protein                                                                                                                      |

## Publication Reference

- [Proteomic profiling of centrosomes across multiple mammalian cell and tissue types by an affinity capture method.](#)

Sarah Carden, Elisa Vitiello, Ivan Rosa E Silva, James Holder, Valentina Quarantotti, Kamal Kishore, Valar Nila Roamio Franklin, Clive D'Santos, Takashi Ochi, Mark van Breugel, Fanni Gergely.

Developmental Cell 2023 Nov; 58(21):2393.

Application: IF, Human, Mouse, Mouse NE115 cells, Human 29T or iPSC cells

- [Centriolar satellites- and hMsd1/SSX2IP-dependent microtubule anchoring is critical for centriole assembly.](#)

Hori A, Peddie CJ, Collinson LM, Toda T.

Molecular Biology of the Cell 2015 Jun; 26(11):2005.

Application: IF, Human, U2OS, HeLa cells