

**CNTROB Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16471c****Specification**

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**CNTROB Antibody (Center) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB,E                        |
| Primary Accession | <a href="#">Q8N137</a>      |
| Other Accession   | <a href="#">NP_444279.2</a> |
| Reactivity        | Human, Mouse                |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Calculated MW     | 101253                      |
| Antigen Region    | 401-430                     |

**CNTROB Antibody (Center) - Additional Information****Gene ID** 116840**Other Names**

Centrobin, Centrosomal BRCA2-interacting protein, LYST-interacting protein 8, CNTROB, LIP8

**Target/Specificity**

This CNTROB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 401-430 amino acids from the Central region of human CNTROB.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CNTROB Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**CNTROB Antibody (Center) - Protein Information****Name** CNTROB**Synonyms** LIP8

**Function** Required for centriole duplication. Inhibition of centriole duplication leading to defects in cytokinesis.

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole

Note=Centriole-associated, asymmetrically localizes to the daughter centriole

**Tissue Location**

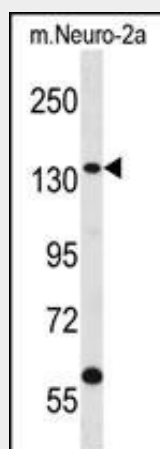
Widely expressed (at protein level). Highly expressed in testis. Also expressed in spleen, thymus, prostate, small intestine, colon and peripheral blood leukocytes

**CNTROB Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CNTROB Antibody (Center) - Images**



CNTROB Antibody (Center) (Cat. #AP16471c) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the CNTROB antibody detected the CNTROB protein (arrow).

**CNTROB Antibody (Center) - Background**

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].

**CNTROB Antibody (Center) - References**

Lee, J., et al. J. Biol. Chem. 285(33):25476-25484(2010)

Olson, J.E., et al. Breast Cancer Res. Treat. (2010) In press :  
Jeffery, J.M., et al. Oncogene 29(18):2649-2658(2010)  
Song, L., et al. Cell. Signal. 22(5):857-864(2010)  
Jeong, Y., et al. J. Cell. Sci. 120 (PT 12), 2106-2116 (2007) :