

**LRCH1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20249c****Specification**

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**LRCH1 Antibody (Center) - Product Information**

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Application       | WB,E                                                 |
| Primary Accession | <a href="#">O9Y2L9</a>                               |
| Other Accession   | <a href="#">P62046</a> , <a href="#">NP_055931.1</a> |
| Reactivity        | Human                                                |
| Predicted         | Mouse                                                |
| Host              | Rabbit                                               |
| Clonality         | Polyclonal                                           |
| Isotype           | Rabbit IgG                                           |
| Calculated MW     | 80875                                                |
| Antigen Region    | 304-333                                              |

**LRCH1 Antibody (Center) - Additional Information****Gene ID** 23143**Other Names**

Leucine-rich repeat and calponin homology domain-containing protein 1, Calponin homology domain-containing protein 1, Neuronal protein 81, NP81, LRCH1, CHDC1, KIAA1016

**Target/Specificity**

This LRCH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 304-333 amino acids from the Central region of human LRCH1.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**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**

LRCH1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**LRCH1 Antibody (Center) - Protein Information****Name** LRCH1

**Synonyms** CHDC1, KIAA1016

**Function** Acts as a negative regulator of GTPase CDC42 by sequestering CDC42-guanine exchange factor DOCK8. Probably by preventing CDC42 activation, negatively regulates CD4(+) T-cell migration.

**Cellular Location**

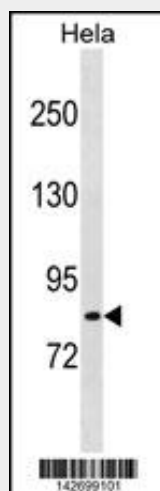
Cytoplasm.

**LRCH1 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](#)

**LRCH1 Antibody (Center) - Images**



LRCH1 Antibody (Center) (Cat. #AP20249c) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the LRCH1 antibody detected the LRCH1 protein (arrow).

**LRCH1 Antibody (Center) - Background**

This gene encodes a protein with a leucine-rich repeat and a calponin homology domain. Polymorphism in this gene may be associated with susceptibility to knee osteoarthritis. Alternative splicing results in multiple transcript variants encoding different isoforms.

**LRCH1 Antibody (Center) - References**

Zintzaras, E., et al. Am. J. Epidemiol. 171(8):851-858(2010)  
Jiang, Q., et al. J. Hum. Genet. 53(1):42-47(2008)

Ikegawa, S. Curr Opin Rheumatol 19(5):429-434(2007)  
Snelling, S., et al. Rheumatology (Oxford) 46(2):250-252(2007)  
Spector, T.D., et al. Arthritis Rheum. 54(2):524-532(2006)