

LRCH1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20249c

Product Information

Application	WB, E
Primary Accession	Q9Y2L9
Other Accession	P62046 , NP_055931.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42699
Calculated MW	80875
Antigen Region	304-333

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.

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.

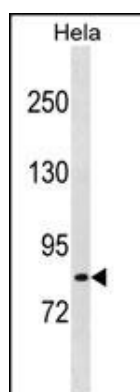
Background

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.

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)

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.