

Rabbit LRCH1 Polyclonal Antibody | anti-LRCH1 antibody

LRCH1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290195	Rabbit	Human (Predicted Reactivity: Mouse)	ELISA, Western Blot

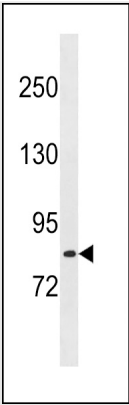
PRODUCT SYNONYMS

LRCH1; Polyclonal Antibody; LRCH1 Antibody (Center); Leucine-rich repeat and calponin homology domain-containing protein 1; Calponin homology domain-containing protein 1; Neuronal protein 81; NP81; CHDC1; KIAA1016; anti-LRCH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	304-333
Applicable Applications for anti-LRCH1 antibody	ELISA, WB (Western Blot)
Clone Names	RB42699
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.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
LRCH1 Antibody (Center) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the LRCH1 antibody detected the LRCH1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LRCH1 antibody	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.
Product Categories/Family for anti-LRCH1 antibody	Cell Biology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	256017174
NCBI GeneID	23143
NCBI Accession #	NP_001157683.1; NP_001157685.1; NP_055931.1
NCBI GenBank Nucleotide #	NM_001164211.1
UniProt Accession #	Q9Y2L9; Q17R43; Q2KHR1; Q5TBU9; Q7Z5F6; Q7Z5F7; B7ZLL5; F8W6F0
Molecular Weight	80875
NCBI Official Full Name	leucine-rich repeat and calponin homology domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	leucine-rich repeats and calponin homology (CH) domain containing 1
NCBI Official Symbol	LRCH1
NCBI Official Synonym Symbols	NP81; CHDC1
NCBI Protein Information	leucine-rich repeat and calponin homology domain-containing protein 1
UniProt Protein Name	Leucine-rich repeat and calponin homology domain-containing protein 1
UniProt Gene Name	LRCH1
UniProt Synonym Gene Names	CHDC1; KIAA1016; NP81

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lrch1-antibody-western-blot-elisa/290195>