

## Datasheet for ABIN1419950 **anti-LRCH1 antibody (Cy7)**



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### Overview

Quantity:	100 µL
Target:	LRCH1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRCH1 antibody is conjugated to Cy7
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LRCH1
Isotype:	IgG
Purification:	Purified by Protein A.

### Target Details

Target:	LRCH1
Alternative Name:	LRCH1 ( <a href="#">LRCH1 Products</a> )
Background:	Members of the leucine-rich repeat family include LRCH1, LRCH2, LRCH3 and LRCH4. All family members contain one calponin-homology domain and nine leucine-rich repeats. The gene encoding LRCH1, also known as Neuronal protein 81 (NP81), has been suggested to be a possible gene locus for susceptibility to osseous arthritis, especially in women, though studies have shown conflicting results. LRCH1 is a 728 amino acid protein that is expressed at highest

## Target Details

levels in cerebellum, with lower levels of expression in spinal cord, ovary, kidney and amygdala.

In pigs, the gene encoding LRCH1 is one of 22 genes that is associated with leg and body conformation traits that affect productivity and health. There are two isoforms of LRCH1 that are expressed as a result of alternative splicing events.

Synonyms: Calponin homology domain-containing protein 1, CHDC1, KIAA1016, Leucine-rich repeat and calponin homology domain-containing protein 1 antibody Lrch1, LRCH1\_HUMAN, Neuronal protein 81, NP81.

Gene ID:	23143
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HGNC:	0
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## Application Details

Application Notes:	IF(IHC-P): (1:50-200) Optimal working dilution should be determined by the investigator.
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Comment:	Excitation/Emission: 743nm/767nm
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 100 µg/mL BSA, 50 % glycerol and 0.09 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at 4 °C for 12 months.
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Expiry Date:	12 months
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