SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-LRCH1/FITC Conjugated antibody

Catalog Number: SL20546R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-LRCH1/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human LRCH1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse)
Background:	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 osetoarthritis, especially in women, though studies have shown conflicting results. LRCH1 is a 728 amino acid protein that is expressed at highest 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. **Similarity:** Contains 1 CH (calponin-homology) domain. Contains 9 LRR (leucine-rich) repeats. **Database links:** **Entrez Gene:** 23143 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Omim: 610368 Human **SwissProt:** Q9Y2L9 Human **Unigene:** 507971 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.