

Rabbit Anti-LRCH3/Biotin Conjugated antibody

SL9329R-Bio

Product Name	Anti-LRCH3/Biotin
Chinese Name	生物素标记的富含亮氨酸重复家庭蛋白 3 抗体
Alias	Leucine rich repeats and calponin homology (CH) domain containing 3; LRCH3; MGC4126; LRCH3_HUMAN.
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human,Mouse,Chicken,Dog,Cow,Horse,Rabbit,Sheep) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	84kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human LRCH3
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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.
Storage	
Product Detail	background: Members of the leucine-rich repeat family includes LRCH1, LRCH2, LRCH3 and LRCH4. All family members contain one calponin-homology domain and nine leucine-rich repeats. The best characterized leucine-rich repeat family member is LRCH4, which is suggested to be involved in ligand binding in the brain, with expression observed primarily in the hippocampus. As a cell

adhesion molecule and signal receptor, LRCH4 may play an important role in maintenance of hippocampus-dependent memories, with defects in the gene possibly contributing to a loss of long-term memory. The gene encoding LRCH3 maps to human chromosome 3, which spans 200 million base pairs and encodes between 1,100 and 1,500 genes. There are three isoforms of LRCH3 that are produced as a result of alternative splicing events.

Subcellular Location:

Secreted.

Similarity:

Contains 1 CH (calponin-homology) domain.

Contains 9 LRR (leucine-rich) repeats.

Database links:

[Entrez Gene: 84859](#) Human

[Entrez Gene: 70144](#) Mouse

[Entrez Gene: 303883](#) Rat

[GenBank: NM_032773](#) Human

[SwissProt: Q96II8](#) Human

[SwissProt: Q8BVU0](#) Mouse

[Unigene: 659335](#) Human

[Unigene: 741307](#) Human

[Unigene: 227918](#) Mouse

Important Note:

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