

Rabbit Anti-LRRC4B/Biotin Conjugated antibody

SL11090R-Bio

Product Name Anti-LRRC4B/Biotin

Chinese Name 生物素标记的神经突触蛋白 NGL3 抗体

Alias Leucine-rich repeat-containing protein 4B; LRC4B_HUMAN; LRIG4; Lrrc4b; Netrin-G3 ligand; NGL 3; NGL3; NGL-3.

Research Area Neurobiology Cell adhesion molecule

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted:Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)

IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:50-200,IF=1:100-500,ELISA=1:500-5000

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Molecular weight 73kDa

Form Lyophilized or Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human LRRC4B/NGL3

Lsotype IgG

Purification affinity purified by Protein A

Storage Buffer 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

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.

background:

Product Detail Synaptic adhesion protein. Regulates the formation of excitatory synapses. The trans-synaptic adhesion between LRRC4B and PTPRF regulates the formation of excitatory synapses in a bidirectional manner.



Subunit:

Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 9 LRR (leucine-rich) repeats.

Subcellular Location:

Membrane. Cell junction; synapse; presynaptic cell membrane.

Post-translational modifications:

N-glycosylated. O-glycosylated; contains sialic acid.

Similarity:

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 9 LRR (leucine-rich) repeats.
Contains 1 LRRCT domain.
Contains 1 LRRNT domain.

Database links:

[Entrez Gene: 94030](#) Human

[Entrez Gene: 272381](#) Mouse

[SwissProt: Q9NT99](#) Human

[SwissProt: P0C192](#) Mouse

[Unigene: 120873](#) Human

[Unigene: 44173](#) Mouse

Important Note:

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