



Rabbit Anti-LINGO3 antibody

SL18285R

Product Name:	LINGO3
Chinese Name:	富含亮氨酸重复跨膜神经元3抗体
Alias:	LINGO-3; hCG2040376; LERN2; Leucine rich repeat and Ig domain containing 3; Leucine rich repeat neuronal 6B; Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 3; Leucine-rich repeat neuronal protein 2; Leucine-rich repeat neuronal protein 6B; LIGO3_HUMAN; LINGO3; LRRN6B.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LINGO3:351-450/592<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Lingo-3 is a 592 amino acid single-pass type I membrane protein. Lingo-3 contains one immunoglobulin-like C2-type domain and fourteen leucine-rich repeats and is glycosylated at various positions during post-translational modification. Lingo-3 is

expressed in a broad but specific pattern in many tissues across the embryo. The gene encoding Lingo-3 maps to human chromosome 19p13.3 and mouse chromosome 10 C1. Chromosome 19 consists of approximately 63 million bases and makes up over 2% of human genomic DNA. Chromosome 19 is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family and Fc alpha receptors.

Subcellular Location:

Membrane.

Similarity:

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 11 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Contains 1 LRRNT domain.

SWISS:

P0C6S8

Gene ID:

645191

Database links:

[Entrez Gene: 645191](#) Human

[Entrez Gene: 237403](#) Mouse

[Entrez Gene: 690755](#) Rat

[Omim: 609792](#) Human

[SwissProt: P0C6S8](#) Human

[SwissProt: Q6GQU6](#) Mouse

[Unigene: 371587](#) Human

[Unigene: 40213](#) Mouse

[Unigene: 211966](#) Rat

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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