



Rabbit Anti-LINGO2 antibody

SL18284R

Product Name:	LINGO2
Chinese Name:	富含亮氨酸重复跨膜神经元2抗体
Alias:	LERN3; Leucine rich repeat and Ig domain containing 2; Leucine rich repeat neuronal 6C; Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2; Leucine-rich repeat neuronal protein 3; Leucine-rich repeat neuronal protein 6C; LIGO2_HUMAN; LINGO2; LRRN6C.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Zebrafish,
Applications:	WB=1:500-2000ELISA=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 LINGO2:331-430/606<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-2 (leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2), also known as LERN3 (leucine-rich repeat neuronal protein 3) or LRRN6C, is a 606 amino acid single-pass type I membrane protein. Lingo-

2 contains 1 immunoglobulin-like C2-type domain and 13 leucine-rich repeats. Lingo-2 is a member of the LRR gene family and has been linked to essential tremor and Parkinson's disease. Lingo-2 has a high degree of homology (61%) with Lingo-1, a regulator of neuronal death, and the expression of Lingo-2 seems to be restricted to neuronal tissue.

Subcellular Location:

Membrane.

Similarity:

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

Contains 12 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Contains 1 LRRNT domain.

SWISS:

Q7L985

Gene ID:

158038

Database links:

[Entrez Gene: 158038](#) Human

[Entrez Gene: 242384](#) Mouse

[Omim: 609793](#) Human

[SwissProt: Q7L985](#) Human

[SwissProt: Q3URE9](#) Mouse

[Unigene: 726303](#) Human

[Unigene: 745029](#) Human

[Unigene: 132507](#) Mouse

Important Note:

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