

兔抗 LINGO1 多克隆抗体

- 中文名称：兔抗 LINGO1 多克隆抗体
- 英文名称：Anti-LINGO1 rabbit polyclonal antibody
- 别名：LERN1; LRRN6A; UNQ201
- 相关类别：一抗
- 储存：冷冻（-20℃）
- 宿主：Rabbit
- 抗原：LINGO1
- 反应种属：Human, Mouse
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

技术规格

Background:	Lingo-1 is a 614-amino acid protein that plays an important role in the negative regulation of myelination by oligodendrocytes in the central nervous system (CNS). Lingo-1 is a nervous system-specific transmembrane protein that interacts with NgR1 and p75 to make up a receptor complex that binds to Nogo, a protein that inhibits axonal regeneration. Reduction of Lingo-1 activity downregulates RhoA (a protein related to cytoskeleton regulation) activity, promotes oligodendrocyte differentiation, and increases axonal myelination in neuronal tissues. Conversely, overexpression of Lingo-1 activates RhoA and inhibits oligodendrocyte differentiation and myelination. Lingo-1 up-regulation may be a characteristic of activity-induced neural plasticity
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	responses. Lingo-1 may be a critical deterrent of myelin and nerve fiber repair in multiple sclerosis, an inflammatory disease that causes gradual destruction of myelin in the CNS.
Applications:	ELISA, IHC
Name of antibody:	LINGO1
Immunogen:	Synthetic peptide of human LINGO1
Full name:	leucine rich repeat and Ig domain containing 1
Synonyms:	LERN1; LRRN6A; UNQ201
SwissProt:	Q96FE5
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human cervical cancer
IHC Recommended dilution:	10-50

