

## 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

<b>Background:</b>	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 responses. Lingo-1 may be a critical deterrent of myelin and nerve fiber repair in multiple sclerosis, an inflammatory disease that causes
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	gradual destruction of myelin in the CNS.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	LINGO1
<b>Immunogen:</b>	Synthetic peptide of human LINGO1
<b>Full name:</b>	leucine rich repeat and Ig domain containing 1
<b>Synonyms:</b>	LERN1; LRRN6A; UNQ201
<b>SwissProt:</b>	Q96FE5
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control :</b>	Human cervical cancer
<b>IHC Recommended dilution:</b>	10-50

