

LIGO1 Rabbit pAb

CatalogNo: YN2295

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 68kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 370-450

Specificity

LIGO1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

LINGO1 LERN1 LRRN6A UNQ201/PRO227

Protein Name Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 (Leucine-rich repeat and immunoglobulin domain-containing protein 1) (Leucine-rich repeat neuronal protein 1) (Leucine-rich repeat neuronal protein 6A)

Organism	Gene ID	UniProt ID
Human	84894 ;	Q96FE5 ;
Mouse		Q9D1T0 ;

Cellular Localization Cell membrane ; Single-pass type I membrane protein .

Tissue specificity Expressed exclusively in the central nervous system. Highest level in the in amygdala, hippocampus, thalamus and cerebral cortex. In the rest of the brain a basal expression seems to be always present. Up-regulated in substantia nigra neurons from Parkinson disease patients.

Function Function:Functional component of the Nogo receptor signaling complex (RTN4R/NGFR) in RhoA activation responsible for some inhibition of axonal regeneration by myelin-associated factors. Is also an important negative regulator of oligodendrocyte differentiation and axonal myelination.,PTM:N-glycosylated. Contains predominantly high-mannose glycans.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 13 LRR (leucine-rich) repeats.,subunit:Homotetramer. Forms ternary complex with RTN4R/NGFR and RTN4R/TNFRSF19.,tissue specificity:Expressed exclusively in the central nervous system. Highest level in the in amygdala, hippocampus, thalamus and cerebral cortex. In the rest of the brain a basal expression seems to be always present. Up-regulated in substantia nigra neurons from Parkinson disease patients.,

| Validation Data

| Contact information

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LIGO1 Rabbit pAb

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