



LIGO1 Monoclonal Antibody

Catalog No	YP-mAb-07156
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
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 pro
Immunogen	Synthesized peptide derived from human protein . at AA range: 370-450
Specificity	LIGO1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	68kD
Cell Pathway	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 oligodentocyte 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.,

**Background**

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images