



LIGO1 Polyclonal Antibody

Catalog No	YP-Ab-07156
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
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 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
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 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.,

**Background**

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.

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