

LIGO1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10904
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 370-450
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1
Synonyms	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 ;Leucine-rich repeat and immunoglobilin domain-containing protein 1;Leucine-rich repeat neuronal pro

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.,Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,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.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year