

LIGO1 Polyclonal Antibody

Cat No: HR1AP12352

For research use only

Overview

Product Name	LIGO1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	68kDa
GeneID?Human?	LINGO1 LERN1 LRRN6A UNQ201/PRO227
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>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.,</p>