

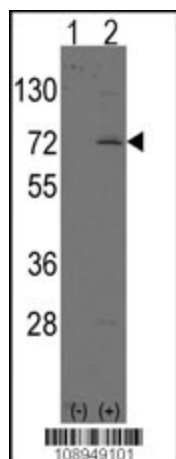
Product datasheet for TA302273

LINGO1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50
Reactivity:	Human (Predicted: Mouse, Chicken, Monkey)
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This LINGO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-92 amino acids from the N-terminal region of human LINGO1.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69876 Da
Gene Name:	leucine rich repeat and Ig domain containing 1
Database Link:	NP_116197 Entrez Gene 235402 Mouse Entrez Gene 714985 Monkey Entrez Gene 84894 Human Q96FE5
Background:	LINGO1 is a functional component of the Nogo receptor signaling complex (RTN4R/NGFR) in RhoA activation responsible for some inhibition of axonal regeneration by myelin-associated factors. It is also an important negative regulator of oligodendrocyte differentiation and axonal myelination.
Synonyms:	LERN1; LRRN6A; UNQ201
Protein Families:	Druggable Genome, Transmembrane


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Product images:


Western blot analysis of LINGO1 (arrow) using rabbit polyclonal LINGO1 Antibody (N-term) (Cat.#TA302273). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the LINGO1 gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human brain tissue reacted with LINGO1 Antibody (N-term) (Cat.#TA302273), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.