Datasheet for ABIN391440

anti-LINGO1 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	LINGO1
Binding Specificity:	AA 62-92, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LINGO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

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.
Clone:	RB8949
Isotype:	Ig Fraction
Predicted Reactivity:	C, Pr, M
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	LINGO1
Alternative Name:	LINGO1 (LINGO1 Products)

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Target Details

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 oligodentrocyte differentiation and axonal myelination.
Molecular Weight:	69876
Gene ID:	84894
NCBI Accession:	NP_116197
UniProt:	Q96FE5

Application Details

Application Notes:	IHC: 1:400. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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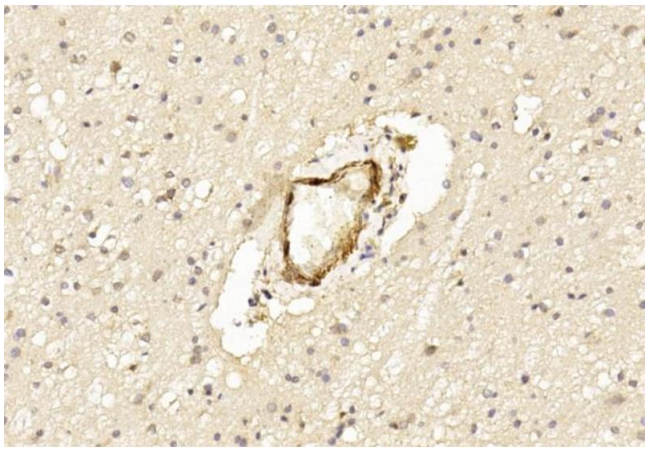
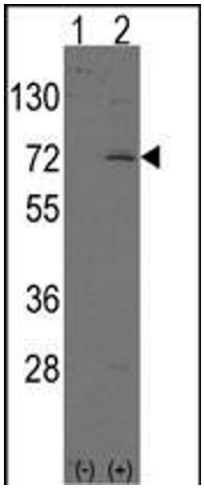


Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded Human brain section using Pink1 R. R was diluted at 1:400 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of LINGO1 (arrow) using rabbit polyclonal LINGO1 Antibody (N-term) (ABIN391440 and ABIN2841427). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the LINGO1 gene (Lane 2) (Origene Technologies).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with LINGO1 Antibody (N-term) (ABIN391440 and ABIN2841427) , 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.

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