

Datasheet for ABIN359531  
**anti-LINGO1 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	0.4 mL
Target:	LINGO1
Binding Specificity:	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)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human LRRN6A.
Isotype:	Ig Fraction
Specificity:	This antibody detects LINGO1 at N-term.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

## Target Details

Target:	LINGO1
Alternative Name:	LINGO1 ( <a href="#">LINGO1 Products</a> )

## 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 oligodendrocyte differentiation and axonal myelination. Synonyms: LERN1, LINGO1, LRRN6A, Leucine-rich repeat and immunoglobulin-domain containing protein 1, Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1, Leucine-rich repeat neuronal protein 1, Leucine-rich repeat neuronal protein 6A

**Molecular Weight:** 69876 Da

**Gene ID:** 84894, 9606

**UniProt:** [Q96FE5](#)

## Application Details

**Application Notes:** ELISA 1: 1,000. Western blot 1: 50 - 1: 100. Immunohistochemistry 1: 10 - 1: 50.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** 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.

**Handling Advice:** Avoid repeated freezing and thawing.

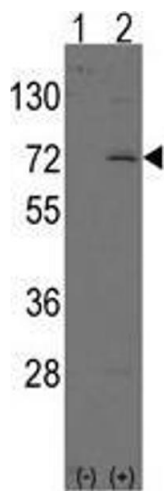
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human brain tissue reacted with LINGO1 Antibody (N-term) , 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.



**Western Blotting**

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