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Datasheet for ABIN1386590  
**anti-LINGO4 antibody (AA 331-450)**

### Overview

Quantity:	100 µL
Target:	LINGO4
Binding Specificity:	AA 331-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LINGO4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LINGO4
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	LINGO4
Alternative Name:	LINGO4 ( <a href="#">LINGO4 Products</a> )

## Target Details

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**Background:** Synonyms: Leucine rich repeat and Ig domain containing 4, Leucine rich repeat and immunoglobulin like domain containing nogo receptor interacting protein 4, Leucine rich repeat neuronal protein 6D, LRRN6D, LIGO4\_HUMAN.

Background: Lingo-4 is a 593 amino acid single-pass type I membrane protein that contains eleven LRR (leucine-rich) repeats, one Ig-like C2-type (immunoglobulin-like) domain, one LRRCT domain and one LRRNT domain. The gene that encodes Lingo-4 consists of approximately 5,891 bases and maps to human chromosome 1q21.3. Comprising nearly 8 % of the human genome, chromosome 1 spans 260 million base pairs, contains over 3,000 genes and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

## Application Details

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**Application Notes:** WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

**Storage Comment:** Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Handling

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Expiry Date: 12 months