

## Rabbit LINGO-1 (LRRN6A)-S596 Polyclonal Antibody | anti-Lingo1 antibody

LINGO-1 (LRRN6A)-S596 (C-term) Antibody

|                               |                       |                                                                           |                                                                  |
|-------------------------------|-----------------------|---------------------------------------------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA286494</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, mouse (Predicted Reactivity: Chicken, Monkey)</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|---------------------------------------------------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

LINGO-1 (LRRN6A)-S596; Polyclonal Antibody; LINGO-1 (LRRN6A)-S596 (C-term) Antibody; 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; Lingo1; Lern1; Lrrn6a; anti-Lingo1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                            |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                     |
| Reactivity                                       | Human, mouse (Predicted Reactivity: Chicken, Monkey)                                                                                                                                       |
| Clonality                                        | Polyclonal                                                                                                                                                                                 |
| Isotype                                          | Rabbit Ig                                                                                                                                                                                  |
| Specificity                                      | This LINGO-1(LRRN6A) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 575-603 amino acids from the C-terminal region of human LINGO-1(LRRN6A). |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                 |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.               |
| Concentration                                    | Vial Concentration: 0.31 (varies by lot)                                                                                                                                                   |
| Sequence Positions                               | 575-603                                                                                                                                                                                    |
| Sequence Length                                  | 614                                                                                                                                                                                        |
| Applicable Applications for anti-Lingo1 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                       |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                                          |
| Antigen Source                                   | MOUSE                                                                                                                                                                                      |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                     |

### IMAGES



#### IHC (Immunohistochemistry)

LINGO-1(LRRN6A)-S596 (C-term) Antibody IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LINGO-1(LRRN6A)-S596 (C-term) Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



#### WB (Western Blot)

Western blot analysis of LINGO-1(LRRN6A) in mouse liver tissue lysates (35ug/lane).LRRN6A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Lingo1 antibody | LINGO-1 is functional component of the Nogo receptor signaling complex (RTN4R/NGFR) in RhoA activation responsible for some inhibition of axonal regeneration by myelin-associated factors. LINGO-1 is also an important negative regulator of oligodentocyte differentiation and axonal myelination. |
| Product Categories/Family for anti-Lingo1 antibody   | Developmental Biology; Neuroscience                                                                                                                                                                                                                                                                   |
| References                                           | Mandai, K., et al. Neuron 63(5):614-627(2009)<br>Homma, S., et al. Gene Expr. Patterns 9(1):1-26(2009)<br>Pernet, V., et al. J. Neurosci. 28(29):7435-7444(2008)                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 30841016                                                                                          |
| NCBI GeneID                      | 235402                                                                                            |
| NCBI Accession #                 | NP_851419.1                                                                                       |
| NCBI GenBank Nucleotide #        | NM_181074.4                                                                                       |
| UniProt Accession #              | Q9D1T0; Q3TQJ4; Q6VVF9; Q7TT38                                                                    |
| Molecular Weight                 | 69101                                                                                             |
| NCBI Official Full Name          | leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 |
| NCBI Official Synonym Full Names | leucine rich repeat and Ig domain containing 1                                                    |
| NCBI Official Symbol             | Lingo1                                                                                            |
| NCBI Official Synonym Symbols    | LERN1; Lrrn6a; UNQ201; LINGO-1; AV148400; 4930471K13Rik                                           |
| NCBI Protein Information         | leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 |
| UniProt Protein Name             | Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 |
| UniProt Gene Name                | Lingo1                                                                                            |
| UniProt Synonym Gene Names       | Lern1; Lrrn6a                                                                                     |
| UniProt Entry Name               | LIGO1_MOUSE                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lingo-1-lrrn6a-s596-antibody-immunohistochemistry-western-blot-elisa/286494>