

Rabbit LINGO1 Polyclonal Antibody | anti-LINGO1 antibody

LINGO1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286754	Rabbit	Human (Predicted Reactivity: Chicken, Monkey, Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

LINGO1; Polyclonal Antibody; LINGO1 Antibody (N-term); Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1; Leucine-rich repeat and immunoglobulin domain-containing protein 1; Leucine-rich repeat neuronal protein 1; Leucine-rich repeat neuronal protein 6A; LERN1; LRRN6A; anti-LINGO1 antibody

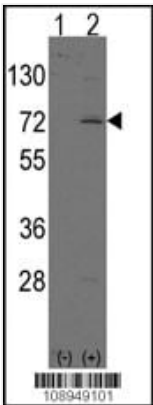
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Monkey, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	62-92
Sequence Length	614
Applicable Applications for anti-LINGO1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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 (Immunohiostchemistry)
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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-LINGO1 antibody	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.
Product Categories/Family for anti-LINGO1 antibody	Developmental Biology; Neuroscience
References	Inoue,H., Proc. Natl. Acad. Sci. U.S.A. 104 (36), 14430-14435 (2007) SatoH,J., Neuropathol. Appl. Neurobiol. 33 (1), 99-107 (2007) Mosyak,L., J. Biol. Chem. 281 (47), 36378-36390 (2006) Mi,S., Nat. Neurosci. 7 (3), 221-228 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50263044
NCBI GeneID	84894
NCBI Accession #	NP_116197.4
NCBI GenBank Nucleotide #	NM_032808.6
UniProt Accession #	Q96FE5; Q6NUK3; Q6UXM3; Q6VVG0; Q6VVG1; Q6VVG2; Q8N3K5; Q96K52; D3DW80
Molecular Weight	69876
NCBI Official Full Name	leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 isoform a
NCBI Official Synonym Full Names	leucine rich repeat and Ig domain containing 1
NCBI Official Symbol	LINGO1
NCBI Official Synonym Symbols	LERN1; LRRN6A; UNQ201
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_HUMAN

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/lingo1-antibody-immunohistochemistry-western-blot-elisa/286754>