LINGO Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LINGO, Polyclonal Antibody
Full Product Name	LINGO, Phosphorylated (1, Phosphorylated (pS596) (LRRN6A, Lingo1, Lern1, Lrrn6a, Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1, Leucine-rich repeat neuronal protein 1, Leucine-rich repeat neuronal protei
Product Gene Name	anti-LINGO antibody
Product Synonym Gene Name	Lingo1
Product Synonym Names	LRRN6A; Lingo1; Lern1; Lrrn6a; 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
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	69,101 Da
3D Structure	ModBase 3D Structure for Q9D1T0
Immunogen	Phospho-LINGO-1(LRRN6A)-pS596 antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide between 582~611 amino acids surrounding pS596 of human LINGO-1(LRRN6A).
Conjugate	MaxLight550
Antigen Modification	Phosphorylated
Note	Preservative Free
Product Categories/Family for anti-LINGO antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-LINGO antibody	FLISA, Dot Blot (DB)
Application Notes for anti-LINGO antibody	FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-LINGO antibody	LINGO-1 (LRR and Ig domain-containing Nogo Receptor interating protein) is a nervous system-specific LRR-Ig-containing protein with an important role in CNS biology. LINGO-1 was discovered in a sequence database search for human SLIT homologs that were selectively expressed in the brain. LINGO-1 is a transmembrane protein that is a component of the Nogo-66 receptor complex. It binds NgR1 and p75 and is an additional functional componenet of the NgR1/p75 signaling complex.
Product References and Citations for anti-LINGO antibody	Mandai, K., et.al., Neuron 63 (5), 614-627 (2009). Homma, S., et.al., Gene Expr. Patterns 9 (1), 1-26 (2009).

Other Notes	Small volumes of anti-LINGO antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LINGO purchase	MBS6316335 is an antibody targeting LINGO. Also known as LINGO, Phosphorylated (1, Phosphorylated (pS596) (LRRN6A, Lingo1, Lern1, Lrrn6a, Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1, Leucine-rich repeat neuronal protein 1, Leucine-rich repeat neuronal protei. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LINGO. It may not necessarily be applicable to this product.

NCBI GI #	30841016
NCBI GeneID	235402
NCBI Accession #	NP_851419.1
UniProt Primary Accession #	Q9D1T0
UniProt Secondary Accession #	Q3TQJ4; Q6VVF9; Q7TT38
UniProt Related Accession #	Q9D1T0
GenBank Nucleotide #	NM_181074.4
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
UniProt Protein Name	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1
UniProt Synonym Protein Names	Leucine-rich repeat neuronal protein 1; Leucine-rich repeat neuronal protein 6A
UniProt Gene Name	Lingo1
UniProt Synonym Gene Names	Lern1; Lrrn6a
UniProt Entry Name	LIGO1_MOUSE
NCBI Protein Information	leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1; leucine rich repeat neuronal 6A; leucine-rich repeat neuronal 6A; leucine-rich repeat neuronal protein 1; leucine-rich repeat neuronal protein 6A
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