LINGO2v Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LINGO2v, Polyclonal Antibody
Full Product Name	LINGO2v (LINGO2, LERN3, LRRN6C, Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2, Leucine-rich repeat neuronal protein 3, Leucine-rich repeat neuronal protein 6C) (MaxLight 550)
Product Gene Name	anti-LINGO2v antibody
Product Synonym Gene Name	LINGO2
Product Synonym Names	LINGO2; LERN3; LRRN6C; Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2; Leucine-rich repeat neuronal protein 3; Leucine-rich repeat neuronal protein 6C
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	68,066 Da
OMIM	AY358114 mRNA
3D Structure	ModBase 3D Structure for Q7L985
Immunogen	LINGO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 393-421 amino acids from the Central region of human LINGO2.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-LINGO2v antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-LINGO2v antibody	Western Blot (WB), FLISA
Application Notes for anti-LINGO2v antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-LINGO2v antibody	MaxLight550 is a new Yellow-Green photostable dye conjugate comparable to Alexa Fluor546, 555, DyLight549, Cy3, TRITC and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (550nm); Emission (575nm); Extinction Coefficient 150,000.
Product References and Citations for anti-LINGO2v antibody	Vilarino-Guell, C., et al. Neurogenetics 11(4):401-408(2010). Ferreira, R.C., et al. Nat. Genet. 42(9):777-780(2010). Ichikawa, S., et al. J. Bone Miner. Res. 25(8):1821-1829(2010). Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Trynka, G., et al. Gut 58(8):1078-1083(2009).

Other Notes	Small volumes of anti-LINGO2v 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 LINGO2v purchase	MBS6316357 is an antibody targeting LINGO2v. Also known as LINGO2v (LINGO2, LERN3, LRRN6C, Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2, Leucine-rich repeat neuronal protein 3, Leucine-rich repeat neuronal protein 6C) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LINGO2v. It may not necessarily be applicable to this product.

NCBI GI #	22749183
NCBI GeneID	158038
NCBI Accession #	NP_689783.1
UniProt Primary Accession #	Q7L985
UniProt Secondary Accession #	Q6ZMD0; A8K4K7; B2RPM5
UniProt Related Accession #	Q7L985
GenBank Nucleotide #	NM_152570.2
NCBI Official Full Name	leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2
NCBI Official Synonym Full Names	leucine rich repeat and Ig domain containing 2
NCBI Official Symbol	LINGO2
NCBI Official Synonym Symbols	LERN3; LRRN6C
UniProt Protein Name	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2
UniProt Synonym Protein Names	Leucine-rich repeat neuronal protein 3; Leucine-rich repeat neuronal protein 6C
UniProt Gene Name	LINGO2
UniProt Synonym Gene Names	LERN3; LRRN6C
NCBI Protein Information	leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 2
UniProt Comments for LINGO2v	LINGO2: Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 9p21.2-p21.1 Biological Process: axonogenesis
Research Articles on LINGO2v	**1.** Data indicate that rs10968576, an intronic single nucleotide polymorphism (SNP) within the leucine rich repeat and Ig domain containing 2 LINGO2 (LERN3, LRRN6C) gene was associated with body mass in elderly Swedes at age 70.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/lingo2v/6316357