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 650)
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 MaxLight650.
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: MaxLight650 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	MaxLight650
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	MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (655nm); Emission (676nm); Extinction Coefficient 250,000.
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	MBS6316358 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 650). 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.
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