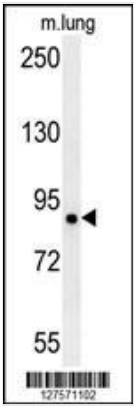
LRRC4B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LRRC4B, Polyclonal Antibody
Full Product Name	LRRC4B, NT (LRRC4B, LRIG4, Leucine-rich repeat-containing protein 4B, Netrin-G3 ligand)
Product Gene Name	anti-LRRC4B antibody
Product Synonym Names	Anti -LRRC4B, NT (LRRC4B, LRIG4, Leucine-rich repeat-containing protein 4B, Netrin-G3 ligand)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human, mouse
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	76,434 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (51020149..51071302, complement). Location: 19q13.33
3D Structure	ModBase 3D Structure for Q9NT99
Immunogen	LRRC4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-118 amino acids from the N-terminal region of human LRRC4B.
Product Categories/Family for anti-LRRC4B antibody	Antibodies; Abs to Netrin
Applications Tested/Suitable for anti-LRRC4B antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-LRRC4B antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-LRRC4B antibody	MBS644862 is an antibody targeting LRRC4B. Also known as LRRC4B, NT (LRRC4B, LRIG4, Leucine-rich repeat-containing protein 4B, Netrin-G3 ligand). Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-LRRC4B 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.



Western Blot (WB) of anti-LRRC4B antibody
LRRC4B Antibody (N-term) western blot analysis in mouse lung tissue lysates (15ug/lane).This demonstrates the LRRC4B antibody detected LRRC4B protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRRC4B. It may not necessarily be applicable to this product.

NCBI GI #	73909096
NCBI GeneID	94030
NCBI Accession #	AAH56207.1
UniProt Primary Accession #	Q9NT99
UniProt Secondary Accession #	Q3ZCQ4; Q58F20
UniProt Related Accession #	Q9NT99
NCBI Official Full Name	LRRC4B protein, partial
NCBI Official Synonym Full Names	leucine rich repeat containing 4B
NCBI Official Symbol	LRRC4B
NCBI Official Synonym Symbols	HSM; LRIG4
UniProt Protein Name	Leucine-rich repeat-containing protein 4B
UniProt Synonym Protein Names	Netrin-G3 ligand
Protein Family	Leucine-rich repeat-containing protein
UniProt Gene Name	LRRC4B
UniProt Synonym Gene Names	LRIG4; NGL-3
UniProt Entry Name	LRC4B_HUMAN
NCBI Protein Information	leucine-rich repeat-containing protein 4B; NGL-3; netrin-G3 ligand; leucine-rich repeats and immunoglobulin-like domains 4

UniProt Comments for LRRC4B	LRRC4B: Synaptic adhesion protein. Regulates the formation of excitatory synapses. The trans-synaptic adhesion between LRRC4B and PTPRF regulates the formation of excitatory synapses in a bidirectional manner. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 19q13.33 Cellular Component: presynaptic membrane; integral to membrane; cell junction Molecular Function: receptor binding Biological Process: positive regulation of synaptogenesis
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.
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