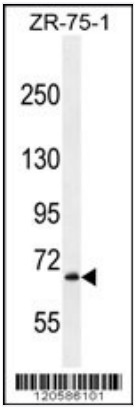
LRRN3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LRRN3, Polyclonal Antibody
Full Product Name	LRRN3 Antibody (C-term)
Product Gene Name	anti-LRRN3 antibody
Product Synonym Names	Leucine-rich repeat neuronal protein 3; Neuronal leucine-rich repeat protein 3; NLRR-3; LRRN3
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.5 (lot specific)
Specificity	This LRRN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 596-623 amino acids from the C-terminal region of human LRRN3.
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.
Antibody/Peptide Pairs	LRRN3 peptide (MBS9218766) is used for blocking the activity of LRRN3 antibody (MBS9214217)
Molecular Weight	79424
Immunogen Sequence Positions	596-623
3D Structure	ModBase 3D Structure for Q9H3W5
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Product Categories/Family for anti-LRRN3 antibody	Signal Transduction
Applications Tested/Suitable for anti-LRRN3 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-LRRN3 antibody	WB~~1:1000
Related Product Information for anti-LRRN3 antibody	LRRN3 is a single pass type I membrane protein. It contains 1 fibronectin type III domain, 1 Ig like C2 type (immunoglobulin like) domain and 12 LRR (leucine rich) repeats. The function of the LRRN3 protein remains unknown.
Product References and Citations for anti-LRRN3 antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Sousa, I., et al. Mol Autism 1 (1), 7 (2010) : Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Fukamachi, K., et al. Biochem. Biophys. Res. Commun. 287(1):257-263(2001)

Other Notes	Small volumes of anti-LRRN3 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 LRRN3 purchase	MBS9214217 is an antibody targeting LRRN3. Also known as LRRN3 Antibody (C-term). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-LRRN3 antibody
LRRN3 Antibody (C-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the LRRN3 antibody detected the LRRN3 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRRN3. It may not necessarily be applicable to this product.

NCBI GI #	153792651
NCBI GeneID	54674
NCBI Accession #	NP_001093128.1
NCBI Related Accession #	NP_001093130.1; NP_060804.3
UniProt Primary Accession #	Q9H3W5
UniProt Secondary Accession #	O43377; Q6I9V8; Q8IYQ6
UniProt Related Accession #	Q9H3W5
GenBank Nucleotide #	NM_001099658.1
NCBI Official Full Name	leucine-rich repeat neuronal protein 3
NCBI Official Synonym Full Names	leucine rich repeat neuronal 3
NCBI Official Symbol	LRRN3
NCBI Official Synonym Symbols	NLRR3; NLRR-3; FIGLER5
UniProt Protein Name	Leucine-rich repeat neuronal protein 3
UniProt Synonym Protein Names	Neuronal leucine-rich repeat protein 3; NLRR-3
Protein Family	Leucine-rich repeat neuronal protein
UniProt Gene Name	LRRN3
UniProt Synonym Gene Names	NLRR-3
UniProt Entry Name	LRRN3_HUMAN
NCBI Protein Information	leucine-rich repeat neuronal protein 3

UniProt Comments for LRRN3	LRRN3: Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 7q31.1 Cellular Component: clathrin adaptor complex; integral to membrane; plasma membrane Molecular Function: protein complex binding Biological Process: positive regulation of protein amino acid phosphorylation
Research Articles on LRRN3	**1.** NLRR3 is proteolytically processed by secretases and its intracellular domain is then released to translocate into the cell nucleus during ATRA-mediated neuroblastoma differentiation.
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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