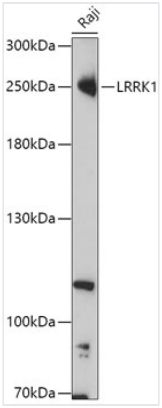
LRRK1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LRRK1, Polyclonal Antibody
Full Product Name	LRRK1 Rabbit pAb
Product Gene Name	anti-LRRK1 antibody
Product Synonym Names	RIPK6; Roco1; LRRK1
Immunogen Sequence	SMYWCVGPEE SAVCPERAME TLNGAGDTGG KPSTRGGDPA ARSRRTEGIR AAYRRGDRGG ARDLLEEACD QCASQLEKGQ L
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	28,848 Da
OMIM	610986
3D Structure	ModBase 3D Structure for Q38SD2
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 10-90 of human LRRK1 (NP_078928.3).
Positive Samples	Raji
Product Categories/Family for anti-LRRK1 antibody	Signal Transduction; G protein signaling; Small G proteins; Research; Endocrine & Metabolism; Amino acid metabolism
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LRRK1 antibody	Western Blot (WB)
Application Notes for anti-LRRK1 antibody	WB: 1:500-1:2000
Related Product Information for anti-LRRK1 antibody	Background: This gene encodes a multi-domain protein that is a leucine-rich repeat kinase and a GDP/GTP binding protein. The encoded protein is thought to play a role in the regulation of bone mass. Mice lacking a similar gene showed severe osteopetrosis, increased bone mineralization and decreased bone resorption. [provided by RefSeq, Jan 2017]
Other Notes	Small volumes of anti-LRRK1 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 LRRK1 purchase	MBS9143003 is an antibody targeting LRRK1. Also known as LRRK1 Rabbit pAb. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-LRRK1 antibody
Western blot analysis of extracts of Raji cells, using LRRK1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRRK1. It may not necessarily be applicable to this product.

NCBI GI #	90991702
NCBI GeneID	79705
NCBI Accession #	NP_078928
UniProt Primary Accession #	Q38SD2
UniProt Secondary Accession #	Q6NVH5; Q6NYC0; Q6ZNL9; Q6ZNM9; Q96JN5; Q9H5S3
UniProt Related Accession #	Q38SD2
GenBank Nucleotide #	NM_024652
NCBI Official Full Name	leucine-rich repeat serine/threonine-protein kinase 1
NCBI Official Synonym Full Names	leucine-rich repeat kinase 1
NCBI Official Symbol	LRRK1
NCBI Official Synonym Symbols	RIPK6; Roco1
UniProt Protein Name	Leucine-rich repeat serine/threonine-protein kinase 1
Protein Family	Leucine-rich repeat serine/threonine-protein kinase
UniProt Gene Name	LRRK1
UniProt Entry Name	LRRK1_HUMAN
NCBI Protein Information	leucine-rich repeat serine/threonine-protein kinase 1; LRRK1
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