

Rabbit anti-Human, mouse PARK8 (LRRK2) Polyclonal Antibody | anti-LRRK2 antibody

PARK8 (LRRK2) Antibody (L955)

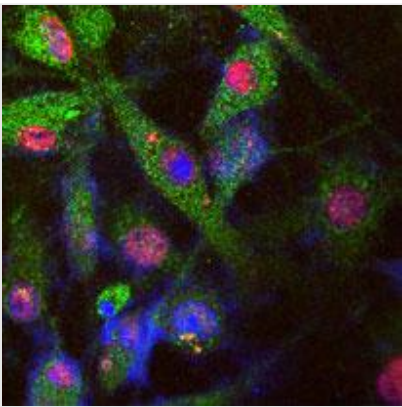
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285697	Rabbit	Human, mouse	Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

PARK8 (LRRK2); Polyclonal Antibody; PARK8 (LRRK2) Antibody (L955); Leucine-rich repeat serine/threonine-protein kinase 2; Dardarin; LRRK2; PARK8; anti-LRRK2 antibody

PRODUCT SPECIFICATIONS

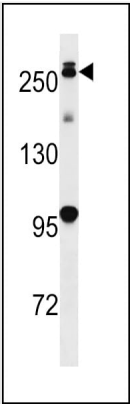
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PARK8(LRRK2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 930-961 amino acids from human PARK8(LRRK2).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	930-961
Sequence Length	2527
Applicable Applications for anti-LRRK2 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.



IF (Immunofluorescence)
Tau-stable SY5Y cell image stained for endogenous LRRK (green) byAAA Biotech L955a (affinity purified), phosphorylated tau (red, monoclonalAT8) and nuclear staining by DAPI.



WB (Western Blot)
PARK8 (LRRK2) Antibody (L955) detect over-expressed human LRRK2 protein.



WB (Western Blot)
Park8 (LRRK2) Antibody (L955) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the Park8 (LRRK2) antibody detected the Park8 (LRRK2) protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LRRK2 antibody	Parkinson is the second most common neurodegenerative disease after Alzheimers. About 1 percent of people over the age of 65 and 3 percent of people over the age of 75 are affected by the disease. The mutation is the most common cause of Parkinson's disease identified to date. LRRK2, a genetic mutation, was recently found linked to about 5 percent of inherited cases of Parkinson's disease. By high-resolution recombination mapping and candidate gene sequencing in 46 families, 6 disease-segregating mutations (5 missense and 1 putative splice site mutation). It may be central to the pathogenesis of several major neurodegenerative disorders associated with parkinsonism. LRRK2 belongs to the ROCO protein family and includes a protein kinase domain of the MAPKKK class and several other major functional domains.
Product Categories/Family for anti-LRRK2 antibody	Neuroscience
References	Shen J. Neuron. 2004. 44:575. Paisan-Ruiz C, et al. Neuron. 2004. 44(4):595. Zimprich A, et al. Neuron. 2004. 44(4):601. Wszolek ZK, et al. Neurology. 2004. 62(9):1619. Park YJ, et al. Transplant Proc. 2004. 36(2):353. Zimprich A, et al. Am J Hum Genet. 2004. 74:11. Bonifati V. Lancet Neurol. 2002. 1:83. Funayama M, et al. Ann Neurol. 2002. 51:296.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171846278
NCBI GeneID	120892
NCBI Accession #	NP_940980.3
NCBI GenBank Nucleotide #	NM_198578.3
UniProt Accession #	Q5S007; Q6ZS50; Q8NCX9; A6NJU2
Molecular Weight	286103
NCBI Official Full Name	leucine-rich repeat serine/threonine-protein kinase 2
NCBI Official Synonym Full Names	leucine-rich repeat kinase 2
NCBI Official Symbol	LRRK2
NCBI Official Synonym Symbols	PARK8; RIPK7; ROCO2; AURA17; DARDARIN
NCBI Protein Information	leucine-rich repeat serine/threonine-protein kinase 2
UniProt Protein Name	Leucine-rich repeat serine/threonine-protein kinase 2
UniProt Gene Name	LRRK2
UniProt Synonym Gene Names	PARK8
UniProt Entry Name	LRRK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/park8-irrk2-antibody-immunofluorescence-western-blot-elisa/285697>