

# LRRK2 polyclonal antibody

Catalog # PAB2629

Size 400 uL

## Specification

|                            |                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of LRRK2.                                                         |
| <b>Immunogen</b>           | A synthetic peptide (conjugated with KLH) corresponding to residues surrounding L893 of human LRRK2.                          |
| <b>Host</b>                | Rabbit                                                                                                                        |
| <b>Reactivity</b>          | Human                                                                                                                         |
| <b>Form</b>                | Liquid                                                                                                                        |
| <b>Purification</b>        | Ammonium sulfate precipitation                                                                                                |
| <b>Recommend Usage</b>     | Western Blot (1:1000)<br>Immunohistochemistry (1:10-50)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS (0.09% sodium azide)                                                                                                   |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                        |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.        |

## Applications

- Immunohistochemistry

## Gene Info — LRRK2

Entrez GeneID [120892](#)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Accession# | <a href="#">XP_058513</a>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name          | LRRK2                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Alias         | AURA17, DARDARIN, PARK8, RIPK7, ROCO2                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Description   | leucine-rich repeat kinase 2                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Omim ID            | <a href="#">607060 609007</a>                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Summary       | This gene is a member of the leucine-rich repeat kinase family and encodes a protein with an ank ryin repeat region, a leucine-rich repeat (LRR) domain, a kinase domain, a DFG-like motif, a RAS domain, a GTPase domain, a MLK-like domain, and a WD40 domain. The protein is present largely in the cytoplasm but also associates with the mitochondrial outer membrane. Mutations in this gene have been associated with Parkinson disease-8. [provided by RefSeq |
| Other Designations | Parkinson disease (autosomal dominant) 8 augmented in rheumatoid arthritis 17                                                                                                                                                                                                                                                                                                                                                                                         |

## Publication Reference

- [Dynamic and redundant regulation of LRRK2 and LRRK1 expression.](#)

Biskup S, Moore DJ, Rea A, Lorenz-Deperieux B, Coombes CE, Dawson VL, Dawson TM, West AB.  
BMC Neuroscience 2007 Nov; 8:102.

## Disease

- [Alzheimer disease](#)
- [Aphasia](#)
- [Chromosome Aberrations](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Crohn Disease](#)
- [Dementia](#)
- [Disease Progression](#)
- [Dominance](#)

- [Dyskinesias](#)
- [Dystonic Disorders](#)
- [Essential tremor](#)
- [Functional Laterality](#)
- [Gaucher disease](#)
- [Genetic Predisposition to Disease](#)
- [Heredodegenerative Disorders](#)
- [Huntington disease](#)
- [Inflammatory Bowel Diseases](#)
- [Leprosy](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Mental Status Schedule](#)
- [Mood Disorders](#)
- [Motor Skills Disorders](#)
- [Movement Disorders](#)
- [Multiple System Atrophy](#)
- [Muscle Rigidity](#)
- [Neurodegenerative Diseases](#)
- [Neuropsychological Tests](#)
- [Olfaction Disorders](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Postmortem Changes](#)
- [Recurrence](#)
- [Spinocerebellar Degenerations](#)

- [Supranuclear Palsy](#)
- [Tobacco Use Disorder](#)
- [Tremor](#)