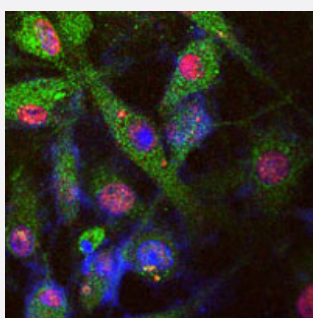


LRRK2 polyclonal antibody

Catalog # PAB2631

Size 400 uL

Applications



Immunofluorescence

Tau-stable SH-SY5Y cell image stained for endogenous LRRK2 (green) by L955a affinity purified, phosphorylated tau (red, monoclonal AT8) and nuclear staining by DAPI.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LRRK2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to residues surrounding L955 of human LRRK2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunofluorescence

Tau-stable SH-SY5Y cell image stained for endogenous LRRK2 (green) by L955a affinity purified, phosphorylated tau (red, monoclonal AT8) and nuclear staining by DAPI.

Gene Info — LRRK2

Entrez GeneID [120892](#)

Protein Accession# [XP_058513](#)

Gene Name LRRK2

Gene Alias AURA17, DARDARIN, PARK8, RIPK7, ROCO2

Gene Description leucine-rich repeat kinase 2

Omim ID [607060](#) [609007](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the leucine-rich repeat kinase family and encodes a protein with an ankyrin 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](#)