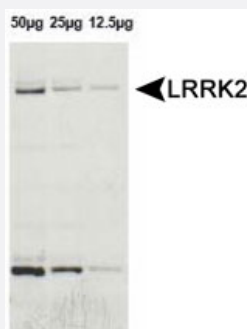


LRRK2 polyclonal antibody

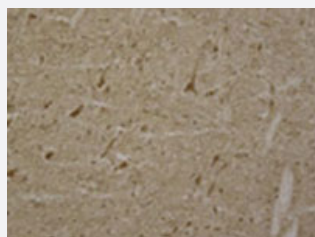
Catalog # PAB12393 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of LRRK2 in increasing amounts of human lymphoblast using LRRK2 polyclonal antibody (Cat # PAB12393).



Immunohistochemistry

Staining of LRRK2 in mouse brainstem using LRRK2 polyclonal antibody (Cat # PAB12393).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LRRK2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 2480-2527 of human LRRK 2.
Host	Rabbit
Reactivity	Human, Mouse, Pig, Primates, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine (0.05% sodium azide)
Storage Instruction	Store at -20°C or -80°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 (Cell lysate)

Western blot analysis of LRRK2 in increasing amounts of human lymphoblast using LRRK2 polyclonal antibody (Cat # PAB12393).

- Immunohistochemistry (Frozen sections)

- Immunohistochemistry

Staining of LRRK2 in mouse brainstem using LRRK2 polyclonal antibody (Cat # PAB12393).

Gene Info — LRRK2

Entrez GeneID	120892
Protein Accession#	Q5S007
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

- [A comparative analysis of leucine-rich repeat kinase 2 \(Lrrk2\) expression in mouse brain and Lewy body disease.](#)

Melrose HL, Kent CB, Taylor JP, Dachsel JC, Hinkle KM, Lincoln SJ, Mok SS, Culvenor JG, Masters CL, Tyndall GM, Bass DI, Ahmed Z, Andorfer CA, Ross OA, Wszolek ZK, Delldonne A, Dickson DW, Farrer MJ.

Neuroscience 2007 Jul; 147(4):1047.

Application: IF, IHC-P, WB, Human, Mouse, Brain from Human and Mouse

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](#)