

LRRK2 monoclonal antibody, clone BBE-12

Catalog # MAB20456 Size 100 uL

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human LRRK2.
Immunogen	A synthetic peptide corresponding to human LRRK2.
Host	Rabbit
Theoretical MW (kDa)	286.103
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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
- Immunohistochemistry

- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

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 ankryin 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

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](#)