

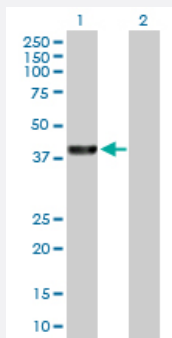
MaxPab®

PARK2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005071-D01P

Size 100 ug

Applications

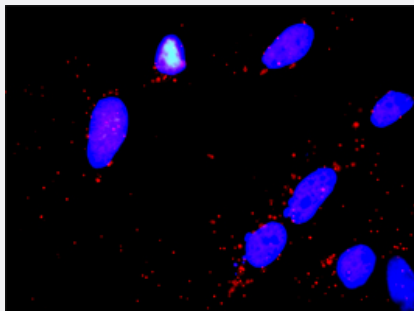


Western Blot (Transfected lysate)

Western Blot analysis of PARK2 expression in transfected 293T cell line ([H00005071-T01](#)) by PARK2 MaxPab polyclonal antibody.

Lane 1: PARK2 transfected lysate(42.40 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between PARK2 and DLG1. HeLa cells were stained with anti-PARK2 rabbit purified polyclonal 1:1200 and anti-DLG1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PARK2 protein.

Immunogen

PARK2 (AAH22014.1, 1 a.a. ~ 387 a.a) full-length human protein.

Sequence

MVFVRFNSSHGFPVEVSDTSIFQLKEVVAKRQGV PADQLRVIFAGKELRNDWTVQNCDLDDQQ
SIVHIVQRPWRKGQEMNATGGDDPRNAAGGCEREPQSLTRVDLSSSVLPGDSVGLAVILHTDSR
KDSPAGSPAGRSIYNSFYVYCKGPCQRVQPGKLRVQCSTCRQATLTLTQGPSCWDDVLIPNRM
SGECQSPHCPGTSAEFFFKCGAHPTSDKETSV ALHLIATNSRNITCITCTDVRSPVLVFQCNSRHV
ICLDCFHLVCVTRLNDRQFVHDPQLGYSLPCVGTGDTVVLRGALGGFRRGVAGCPNSLIKELHHF
RILGEEQYNRYQQYGAEECVLQMGGVLCPRPGCGAGLLPEPDQRKVTCEGGNGLGCGYGQRRT
K

Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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Gene Info — PARK2

Entrez GeneID	5071
GeneBank Accession#	BC022014.2
Protein Accession#	AAH22014.1
Gene Name	PARK2
Gene Alias	AR-JP, LPRS2, PDJ, PRKN
Gene Description	Parkinson disease (autosomal recessive, juvenile) 2, parkin
Omim ID	211980 600116 602544 604370 607572
Gene Ontology	Hyperlink

Gene Summary

The precise function of this gene is unknown; however, the encoded protein is a component of a multiprotein E3 ubiquitin ligase complex that mediates the targeting of substrate proteins for proteasomal degradation. Mutations in this gene are known to cause Parkinson disease and autosomal recessive juvenile Parkinson disease. Alternative splicing of this gene produces multiple transcript variants encoding distinct isoforms. Additional splice variants of this gene have been described but currently lack transcript support. [provided by RefSeq]

Other Designations

E3 ubiquitin ligase|OTTHUMP00000017565|OTTHUMP00000017566|OTTHUMP00000017567|parkin|parkin 2

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Choice Behavior](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Dystonic Disorders](#)
- [Edema](#)
- [Essential tremor](#)
- [Genetic Predisposition to Disease](#)
- [Leprosy](#)
- [Movement Disorders](#)
- [Nerve Degeneration](#)
- [Neuropsychological Tests](#)

- [Paratyphoid Fever](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Pattern Recognition](#)
- [Reaction Time](#)
- [Supranuclear Palsy](#)
- [Tobacco Use Disorder](#)
- [Tremor](#)
- [Tuberculosis](#)
- [Typhoid Fever](#)