

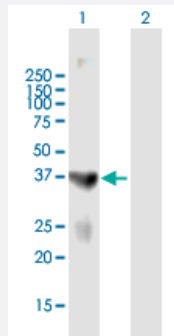
MaxPab®

PARK2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005071-B01P

Size 50 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(42.57 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MIVFVRFNSSHGFPVEVSDTSIFQLKEVVAKRQGV PADQLRVIFAGKELRNDWTVQNCDLDDQQ SIHVHQRWPWRKGQEMNATGGDDPRNAAGGCEREPQSLTRVDLSSSVLPGDSVGLAVILHTDSR KDSPPAGSPAGRSIYNSFYVYCKGPCQRVQPGKLRVQCSTCRQATLTLTQGPSCWDDVLIPNRM SGECQSPHCPGTSAEFFFKCGAHPTSDKETSV ALHLIATNSRNITCITCTDVRSPVLVFQCNSRHV ICLDCFHLVCVTRLNDRQFVHDPQLGYSLPCVGTGDTVVLRGALGGFRRGVAGCPNSLIKELHHF RILGEEQYNRYQQYGAEECVLQMGGVLCPRPGCGAGLLPEPDQRKVTCEGGNGLGCGYGQRRT K
Host	Mouse
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](#)

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

Publication Reference

- [Levels of 17 \$\beta\$ -hydroxysteroid dehydrogenase type 10 in CSF are not a valuable biomarker for multiple sclerosis.](#)

Kristofikova Z, Ricny J, Kaping D, Klaschka J, Kotoucova J, Bartos A.

Biomarkers in Medicine 2018 Dec; [Epub].

Application: ELISA, Human, Cerebrospinal fluid from patients with multiple sclerosis

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](#)