

# Product Datasheet

## Parkin Antibody H00005071-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005071-D01P****Parkin Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

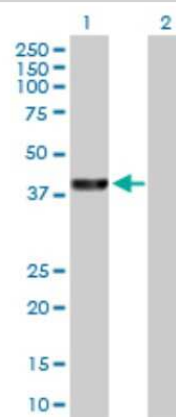
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5071
<b>Gene Symbol</b>	PRKN
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	PARK2 - Parkinson disease (autosomal recessive, juvenile) 2, parkin,
<b>Immunogen</b>	PARK2 (AAH22014.1, 1 a.a. - 387 a.a.) full-length human protein. MIVFVRFNSSHGFPVEVDSITSIFQLKEVVAKRQGV PADQLRVIFAGKELRND WTVQNCDLDQQSIVHIVQRPWRKGQEMNATGGDDPRNAAGGCERE PQSLTR VDLSSSVLPGDSVGLAVILHTDSRKDSPPAGSPAGRSIYNSFYVYCKGPCQRV QPGKLRVQCSTCRQATLTLTQGPSCWDDVLIPNRMSGECQSPHCPGTSAEFF FKCGAHPTSDKETSVALHLIATNSRNITCITCTDVRSPVLV FQCNSRHVICLDCF HLYCVTRLNDRQFVHDPQLGYSLPCVGTGDTVVLRGALGGFRRGVAGCPNSLI KELHHFRILGEEQYNRYQQYGAEECVLQMGGVLCPRPGCGAGLLPEPDQRKV TCEGGNGLGCGYGQRRTK
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot, Proximity Ligation Assay
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

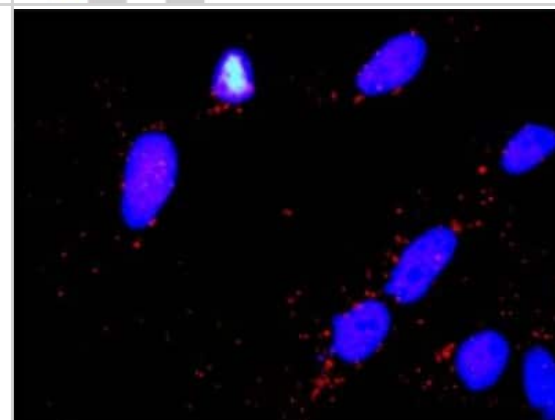


## Images

Western Blot: Parkin Antibody [H00005071-D01P] - Analysis of PARK2 expression in transfected 293T cell line by PARK2 polyclonal antibody. Lane 1: PARK2 transfected lysate(42.40 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: Parkin Antibody [H00005071-D01P] - 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).



## Publications

La Cognata Valentina, Iemmolo Rosario, D'Agata Velia et al. Increasing the Coding Potential of Genomes Through Alternative Splicing: The Case of PARK2 Gene. *Curr Genomics*. 2014-06-01 [PMID: 24955028]

Scuderi Soraya, La Cognata Valentina, Drago Filippo et al. Alternative splicing generates different parkin protein isoforms: evidences in human, rat, and mouse brain. *Biomed Res Int*. 2014-07-16 [PMID: 25136611]



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.  
Primary Antibodies are guaranteed for 1 year from date of receipt.

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