

Datasheet for ABIN3021179
anti-Parkin antibody (AA 1-300)



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10 Images

Overview

Quantity:	100 µL
Target:	Parkin (PARK2)
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Parkin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human Parkin
Sequence:	MIVFVRFNSS HGFPVEVSDS TSIFQLKEVV AKRQGV PADQ LRVIFAGKEL RNDWTVQNCD LDQQSIVHIV QRPWRKQEM NATGGDDPRN AAGGCEREPQ SLTRVDLSSS VLPGDSVGLA VILHTDSRKD SPPAGSPAGR SIYNSFYVYC KGPCQRVQPG KLRVQCSTCR QATLTLTQGP SCWDDVLIPN RMSGECQSPH CPGTSAEFFF KCGAHPTSDK ETSVALHLIA TNSRNITCIT CTDVRSPVLV FQCNSRHVIC LDCFHLYCVT RLNDRQFVHD PQLGYSLPCV GTGDTVVLRG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Parkin (PARK2)
Alternative Name:	PRKN (PARK2 Products)
Background:	<p>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.,PRKN,AR-JP,LPRS2,PARK2,PDJ,Parkin,Signal Transduction,Kinase,Tyrosine kinases,ErbB-HER Signaling Pathway,Cell Biology & Developmental Biology,Autophagy,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,Endocrine & Metabolism,Mitochondrial metabolism,Mitophagy fission and fusion,Insulin Receptor Signaling Pathway,Immunology & Inflammation,B Cell Receptor Signaling Pathway,IL-6 Receptor Signaling Pathway,Neuroscience,Neurodegenerative Diseases,Dopamine Signaling in Parkinson's Disease,Neurodegenerative Diseases Markers,Mitochondrial Control of Autophagy,PRKN</p>
Molecular Weight:	23 kDa/30-51 kDa
Gene ID:	5071
UniProt:	O60260
Pathways:	Autophagy , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

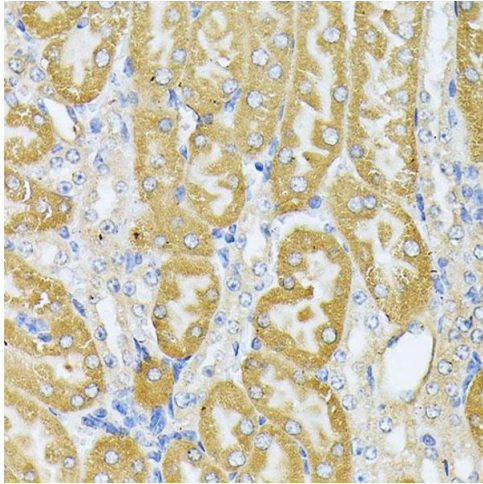
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles

Handling

Storage: -20 °C

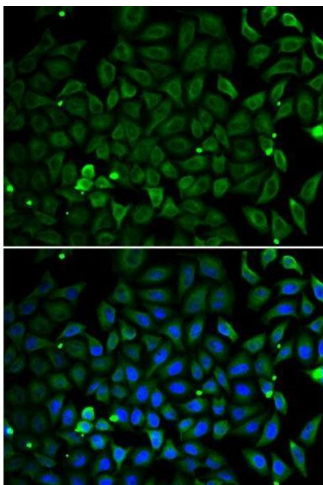
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



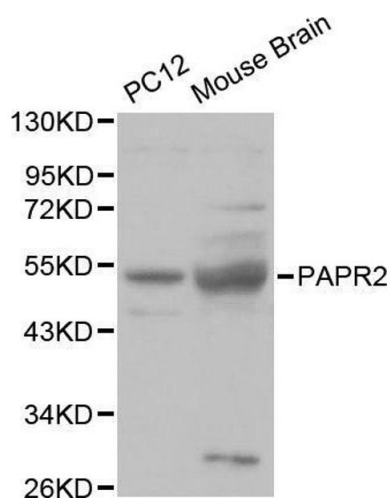
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Mouse kidney using Parkin antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence

Image 2.



Western Blotting

Image 3. Western blot analysis of various cell lines, using PARK2 antibody.

Please check the [product details page](#) for more images. Overall 10 images are available for ABIN3021179.