Datasheet for ABIN390366

anti-Parkin antibody (C-Term)

6 Images

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Overview

Quantity:	400 µL
Target:	Parkin (PARK2)
Binding Specificity:	AA 387-417, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Parkin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This Parkin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 387-417 amino acids from the C-terminal region of human Parkin.
Clone:	RB07373
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Parkin (PARK2)
Alternative Name:	Parkin (PARK2 Products)

Target Details

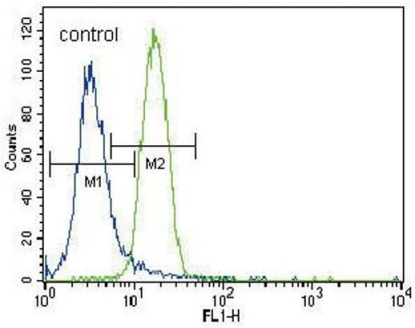
Background:	Parkinson is the second most common neurodegenerative disease after Alzheimers. About 1 percent of people over the age of 65 and 3 percent of people over the age of 75 are affected by the disease. The mutation is the most common cause of Parkinson disease identified to date. The function of Park2 is not well-known, however, it may play a role in the ubiquitin-mediated proteolytic pathway. Mutations in this gene are known to cause autosomal recessive juvenile parkinsonism. Alternative splicing of this gene produces three known products of undetermined function.
Molecular Weight:	51641
Gene ID:	5071
NCBI Accession:	NP_004553, NP_054642, NP_054643
UniProt:	O60260
Pathways:	Autophagy, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

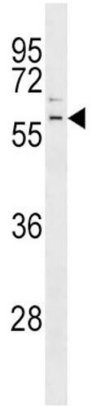
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



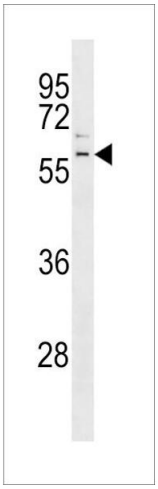
Flow Cytometry

Image 1. Parkin Antibody (C-term) (ABIN390366 and ABIN2840772) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Park2 Antibody (C-term) (ABIN390366 and ABIN2840772) western blot analysis in K562 cell line lysates (35 µg/lane).This demonstrates the Park2 antibody detected the Park2 protein (arrow).



Western Blotting

Image 3. The anti-Parkin (C-term) Pab (ABIN390366 and ABIN2840772) is used in Western blot to detect Parkin in mouse kidney tissue lysate.

Please check the product details page for more images. Overall 6 images are available for ABIN390366.