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Datasheet for ABIN3032153 anti-Parkin antibody (AA 111-140)

6 Images



Overview

Quantity:	0.4 mL
Target:	Parkin (PARK2)
Binding Specificity:	AA 111-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Parkin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

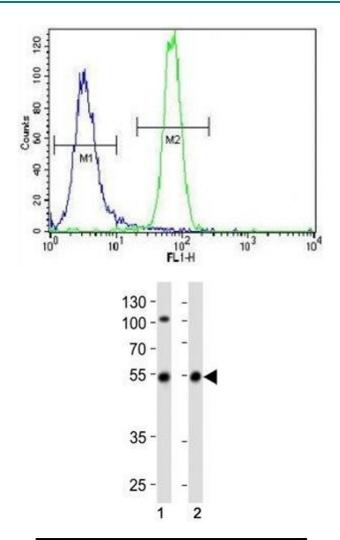
Immunogen:	A portion of amino acids 111-140 from the human protein was used as the immunogen for this Parkin antibody.
lsotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

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

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	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.
UniProt:	060260
Pathways:	Autophagy, Ubiquitin Proteasome Pathway
Application Details	
Application Notes:	Titration of the Parkin antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:250-1:1000,Flow Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50,IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the Parkin antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

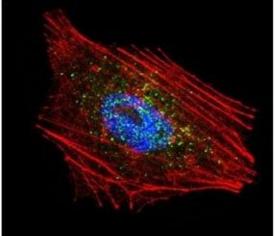


Flow Cytometry

Image 1. Parkin antibody flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Western Blotting

Image 2. Western blot analysis of lysate from (1) SH-SY5Y cell line and (2) human brain tissue lysate using Parkin antibody at 1:1000. Predicted molecular weight: 50-60 kDa.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of Parkin antibody with NCI-H460 cells followed by Alexa Fluor 488conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstai

Please check the product details page for more images. Overall 6 images are available for ABIN3032153.

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