Datasheet for ABIN7296520

anti-Parkin antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	Parkin (PARK2)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Pig, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Parkin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Parkin.
Specificity:	Recognizes endogenous levels of Parkin protein.
Characteristics:	Rabbit polyclonal antibody to Parkin
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Parkin (PARK2)
Alternative Name:	Parkin (PARK2 Products)
Background:	PRKN, E3 ubiquitin-protein ligase parkin, Parkinson juvenile disease protein 2, Parkinson

Target Details

	disease protein 2
Gene ID:	5071, 56816
UniProt:	O60260, Q9JK66
Pathways:	Autophagy, Ubiquitin Proteasome Pathway

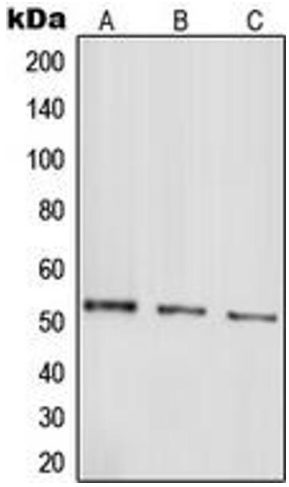
Application Details

Application Notes:	WB (1:500 - 1:1000), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

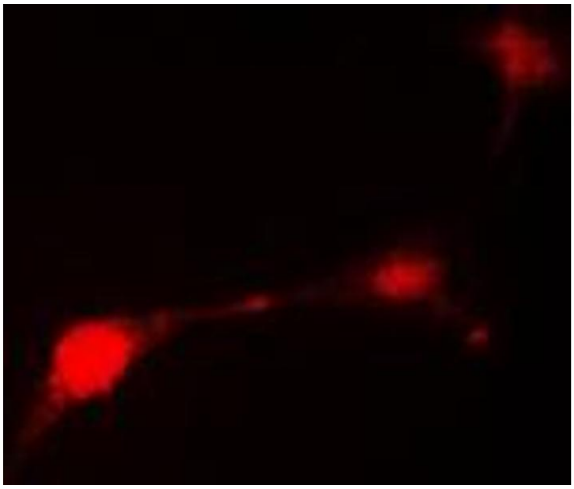
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot analysis of Parkin expression in HepG2 (A), SHSY5Y (B), SW480 (C) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of Parkin staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

