

Datasheet for ABIN545404
anti-Parkin antibody (C-Term)[Go to Product page](#)[2 Images](#)[3 Publications](#)

Overview

Quantity:	400 µL
Target:	Parkin (PARK2)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Parkin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of PARK2.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human PARK2.
Cross-Reactivity:	Human

Target Details

Target:	Parkin (PARK2)
Alternative Name:	PARK2 / Parkin (PARK2 Products)
Gene ID:	5071
Pathways:	Autophagy , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
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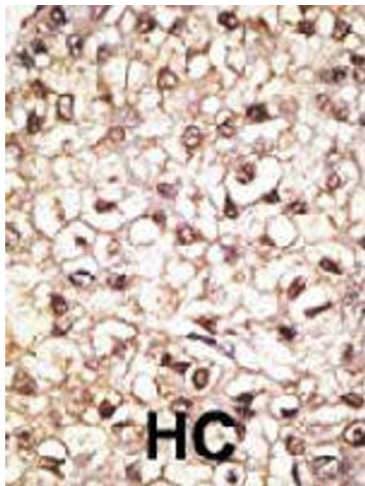
Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	In PBS (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:	4 °C, -20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

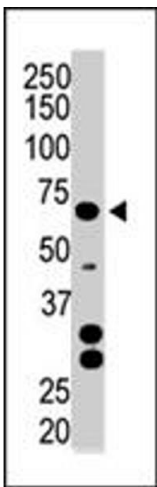
Publications

Product cited in:	<p>Yao, Gu, Nakamura, Shi, Ma, Gaston, Palmer, Rockenstein, Zhang, Masliah, Uehara, Lipton: "Nitrosative stress linked to sporadic Parkinson's disease: S-nitrosylation of parkin regulates its E3 ubiquitin ligase activity." in: Proceedings of the National Academy of Sciences of the United States of America, Vol. 101, Issue 29, pp. 10810-4, (2004) (PubMed).</p> <p>Pigullo, De Luca, Barone, Marchese, Bellone, Colosimo, Scaglione, Martinelli, Di Maria, Pizzuti, Abbruzzese, Dallapiccola, Ajmar, Mandich: "Mutational analysis of parkin gene by denaturing high-performance liquid chromatography (DHPLC) in essential tremor." in: Parkinsonism & related disorders, Vol. 10, Issue 6, pp. 357-62, (2004) (PubMed).</p> <p>Kumru, Santamaria, Tolosa, Valldeoriola, Muñoz, Martí, Iranzo: "Rapid eye movement sleep behavior disorder in parkinsonism with parkin mutations." in: Annals of neurology, Vol. 56, Issue 4, pp. 599-603, (2004) (PubMed).</p>
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Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with PARK2 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated . HC = hepatocarcinoma .



Western Blotting

Image 2. The PARK2 polyclonal antibody is used in Western blot to detect PARK2 in mouse kidney tissue lysate .