Datasheet for ABIN652208

anti-PINK1 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	PINK1
Binding Specificity:	AA 493-526, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PINK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Park6(PINK1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 493-526 amino acids from the C-terminal region of human Park6(PINK1).
Clone:	RB6517
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PINK1
Alternative Name:	Park6 (PINK1) (PINK1 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. Defects in PINK1 are the cause of autosomal recessive early-onset Parkinson's disease 6 (PARK6). Six novel pathogenic PINK1 mutations suggest that PINK1 may be the second most common causative gene next to parkin in parkinsonism with the recessive mode of inheritance. Strong evidence indicates that, although important in mendelian forms of Parkinson's disease (PD), PINK1 does not influence the cause of sporadic nonmendelian forms of PD.
Molecular Weight:	62769
Gene ID:	65018
NCBI Accession:	NP_115785
UniProt:	Q9BXM7
Pathways:	Autophagy

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

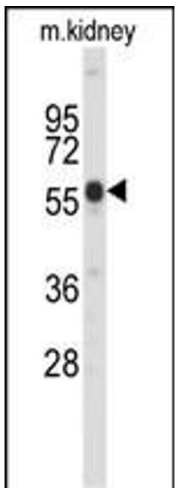
Handling

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

Publications

Product cited in:	Berthier, Jiménez-Sáinz, Pulido: "PINK1 regulates histone H3 trimethylation and gene expression by interaction with the polycomb protein EED/WAIT1." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 110, Issue 36, pp. 14729-34, (2013) (PubMed).

Images



Western Blotting

Image 1. Western blot analysis of Park6 (PINK1) C-term (ABIN652208 and ABIN2840776) in mouse kidney tissue lysates (35 µg/lane). Park6 (arrow) was detected using the purified Pab.