

PINK1 Rabbit Polyclonal Antibody

Catalog No: #29297

Package Size: #29297-1 50ul #29297-2 100ul

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Description

Product Name	PINK1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PINK1 (NP_115785.1).
Conjugates	Unconjugated
Other Names	PINK1;BRPK;PARK6
Accession No.	Swiss Prot:Q9BXM7GeneID:65018
Calculated MW	30kDa/62kDa
SDS-PAGE MW	50kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

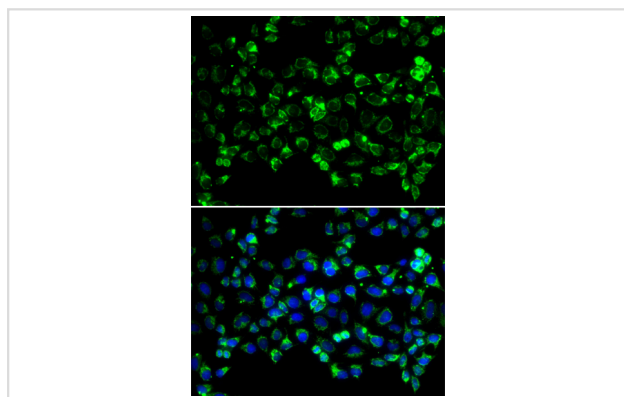
Application Details

WB □ 1:500 - 1:2000

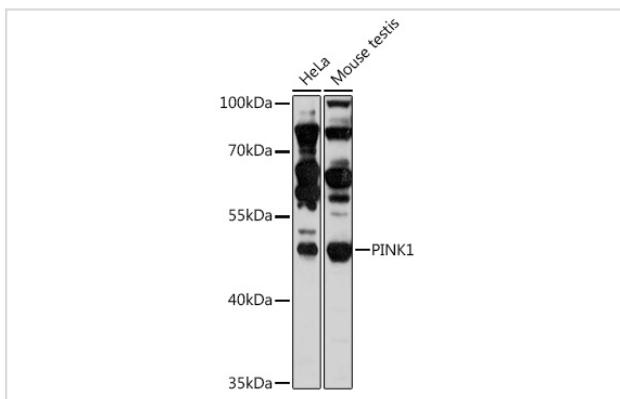
IF □ 1:50 - 1:200

IHC 1:50 - 1:200

Images



Immunofluorescence analysis of HeLa cells using PINK1 .
Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using PINK1 at 1:1000 dilution.

Background

This gene encodes a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease.

Published Papers

el at., Study of mitophagy and ATP-related metabolomics based on β -amyloid levels in Alzheimer's disease. In *Exp Cell Res* on 2020 Nov 1 by Xiaomin Xiong, Shijie Li, et al..PMID: 32905804, , (2020)

[PMID:32905804](#)

el at., Dietary High-Fat Promotes Cognitive Impairment by Suppressing MitophagyIn*Oxid Med Cell Longev*On2023 Jan 21by*Oxid Med Cell Longev* et al..PMID:36718278, , (2023)

[PMID:36718278](#)

el at., Dietary salt promotes cognitive impairment through repression of SIRT3/PINK1-mediated mitophagy and fission. In *Mol Cell Biochem* on 2024 Jul 13 by Haixia Fan, Minghao Yuan,et al..PMID:38997506, , (2024)

[PMID:38997506](#)

Hanyu Chen;Qianbei Lin;Yanlin Zeng;Pinliang Chen;Pengpeng Guo;Ruoshui Feng;Zhenyu Guo;Jinhua Kang;Qiucen Chen;Xiaoxiong Zhou el at., Xinyin tablets affect mitophagy and cardiomyocyte apoptosis to alleviate chronic heart failure by regulating histone deacetylase 3(HDAC3)-mediated PTEN induced putative kinase 1(PINK1)/Parkin signaling pathway., , (2025)

[PMID:40122315](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.