

PINK1 Rabbit Polyclonal Antibody

Catalog No: #29297



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

Orders: order@signalwayantibody.com
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Description

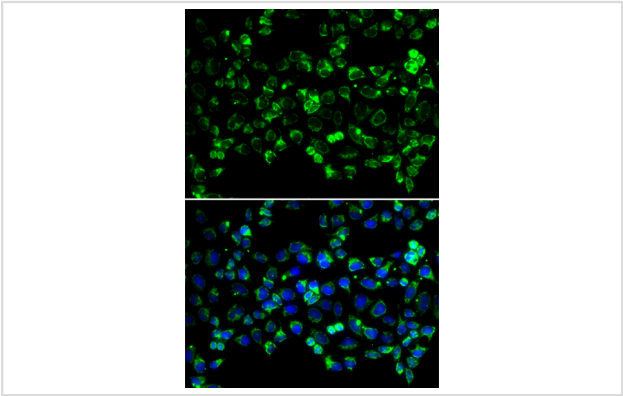
Product Name	PINK1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human PINK1 (NP_115785.1).
Conjugates	Unconjugated
Other Names	PINK1;BRPK;PARK6
Accession No.	Swiss Prot:Q9BXM7GeneID:65018
Calculated MW	63kDa
SDS-PAGE MW	60kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

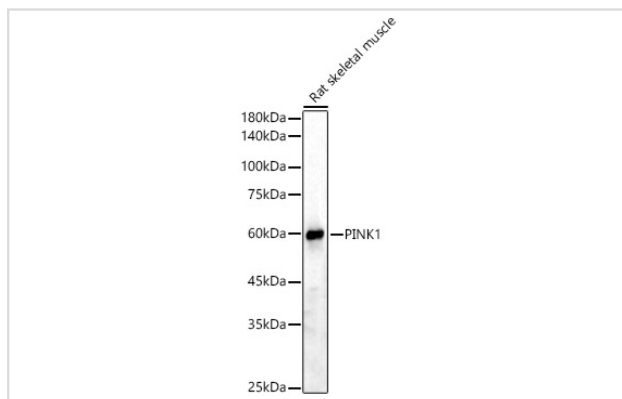
WB□1:500 - 1:2000

IF□1:50 - 1:200

Images



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



Western blot analysis of lysates from Rat skeletal muscle, using PINK1 Rabbit pAb at 1:2000 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

et al., 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](#)

et al., 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](#)

et al., 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 et al., 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.