

ARG64304
anti-PINK1 antibodyPackage: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PINK1
Tested Reactivity	Rat
Predict Reactivity	Hu
Tested Application	FACS, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PINK1
Species	Human
Immunogen	C-QGKAHLESRSYQEAQ
Conjugation	Un-conjugated
Alternate Names	PARK6; BRPK; PTEN-induced putative kinase protein 1; Serine/threonine-protein kinase PINK1, mitochondrial; EC 2.7.11.1

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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. [provided by RefSeq, Jul 2008]

Highlight

Related products:

[PINK1 antibodies](#); [Anti-Goat IgG secondary antibodies](#);

Related news:

[Astrocyte-to-neuron conversion for Parkinson's disease treatment](#)

Research Area

Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

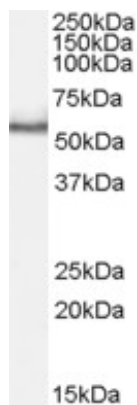
63 kDa

PTM

Autophosphorylation at Ser-228 and Ser-402 is essential for Parkin/PRKN recruitment to depolarized mitochondria.

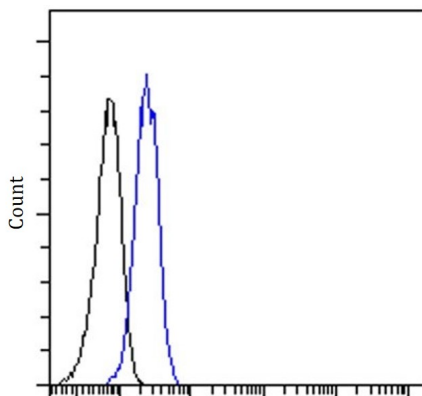
Two shorter forms of 55 kDa and 48 kDa seem to be produced by proteolytic cleavage and localize mainly in cytosol.

Images



ARG64304 anti-PINK1 antibody WB image

Western Blot: Rat Testis lysate (35 µg protein in RIPA buffer) stained with ARG64304 anti-PINK1 antibody at 1 µg/ml dilution.



ARG64304 anti-PINK1 antibody FACS image

Flow Cytometry: Jurkat stained with ARG64304 anti-PINK1 antibody at 10 µg/ml dilution.