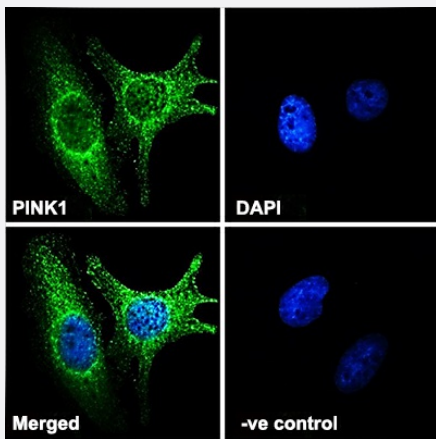


PINK1 polyclonal antibody

Catalog # PAB7330

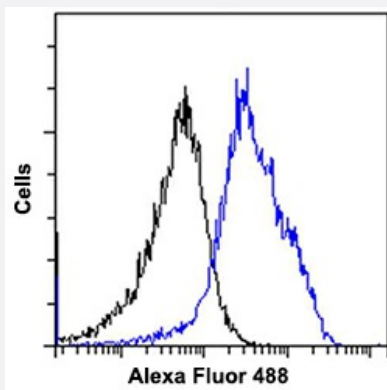
Size 100 ug

Applications



Immunofluorescence

PINK1 polyclonal antibody (Cat # PAB7330) Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing mitochondrial and endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry

PINK1 polyclonal antibody (Cat # PAB7330) Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PINK1.
Immunogen	A synthetic peptide corresponding to human PINK1.
Sequence	C-QGKAHLESRSYQEAQ
Host	Goat
Theoretical MW (kDa)	62.8

Reactivity	Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:8000) Flow Cytometry (10 ug/mL) Immunofluorescence (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

PINK1 polyclonal antibody (Cat # PAB7330) Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing mitochondrial and endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

PINK1 polyclonal antibody (Cat # PAB7330) Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Gene Info — PINK1

Entrez GeneID	65018
Protein Accession#	NP_115785.1
Gene Name	PINK1

Gene Alias	BRPK, FLJ27236, PARK6
Gene Description	PTEN induced putative kinase 1
Omim ID	605909 608309
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000002881 protein kinase BRPK serine/threonine-protein kinase PINK1

Publication Reference

- [T313M PINK1 mutation in an extended highly consanguineous Saudi family with early-onset Parkinson disease.](#)

Chishti MA, Bohlega S, Ahmed M, Loualich A, Carroll P, Sato C, St George-Hyslop P, Westaway D, Rogaeva E.

Archives of Neurology 2006 Oct; 63(10):1483.

Disease

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