

PINK1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide made to an internal region of the human PINK1 protein (within residues 350-500).
Form	Liquid
Concentration	1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11153722

Applications	Tested Dilution	Publications
Western Blot (WB)	1:50	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunocytochemistry (ICC/IF)	1:50-1:1,000	-

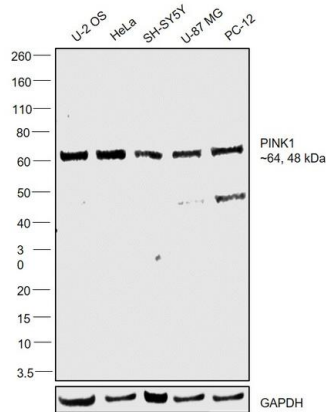
Product Specific Information

Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.

Product Images For PINK1 Polyclonal Antibody

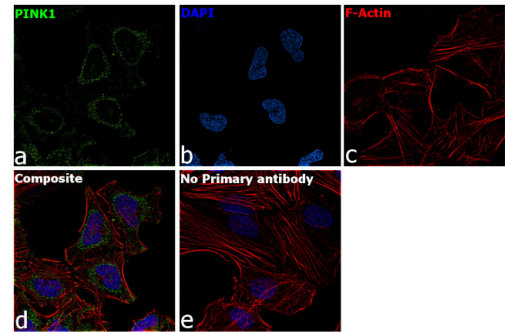
PINK1 Antibody (PA5-23072) in WB

Western blot was performed using Anti-PINK1 Polyclonal Antibody (Product # PA5-23072) and a 64 kDa band corresponding to PINK1 was observed across the cell lines tested. Whole cell extracts (30 µg lysate) of U-2 OS(Lane 1), HeLa (Lane 2), SH-SY5Y (Lane 3), U-87 MG (Lane 4) and PC-12 (Lane 5), were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1: 4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



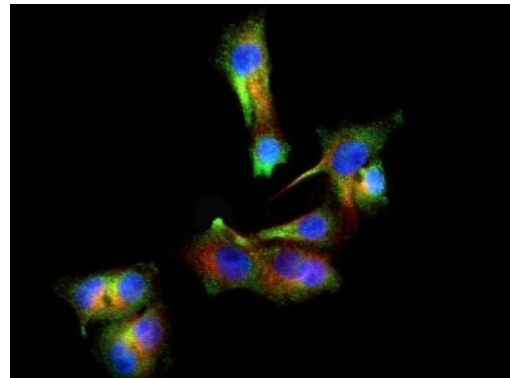
PINK1 Antibody (PA5-23072) in ICC/IF

Immunofluorescence analysis of PINK1 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with PINK1 Polyclonal Antibody (Product # PA5-23072) at 1:200 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034, 1:2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300 dilution). Panel d represents the merged image showing Mitochondrial localization. Panel e represents control HeLa cells with no primary antibody to assess background. The images were captured at 60X magnification.



PINK1 Antibody (PA5-23072) in ICC/IF

Immunocytochemistry analysis of PINK1 in HepG2 cells. Samples were incubated in PINK1 polyclonal antibody (Product # PA5-23072) followed by DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red).



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