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Product Data Sheet

Anti-PINK1 Antibody

Catalog #	Source	Reactivity	Applications
CQA2575	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to PINK1
Immunogen	Recombinant full length protein of human PINK1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of PINK1 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)
Gene Symbol	PINK1
Alternative Names	Serine/threonine-protein kinase PINK1 mitochondrial; BRPK; PTEN-induced putative kinase protein 1
Entrez Gene	65018 (Human); 68943 (Mouse)
SwissProt	Q9BXM7 (Human); Q99MQ3 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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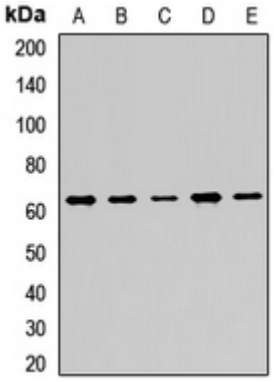
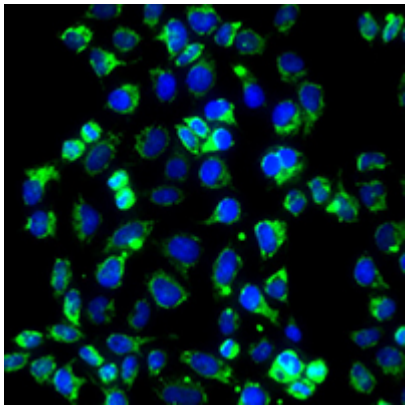


Western blot analysis of PINK1 expression in SW480 (A), PC12 (B), mouse kidney (C), mouse heart (D), rat brain (E) whole cell lysates. (Predicted band size: 30; 62 kD; Observed band size: 63 kD)



Immunofluorescent analysis of PINK1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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