For research purposes only, not for human use

Product Data Sheet

Anti-PINK1 (Phospho-S228) Antibody

Catalog #	Source	Reactivity	Applications
CPA5762	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to PINK1 (Phospho-S228)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S228 of human PINK1 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of PINK1 protein only when phosphorylated at S228.
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 - 1/1000), IH (1/50 - 1/100)
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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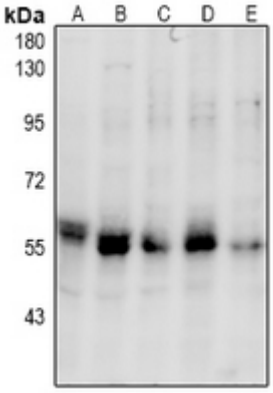
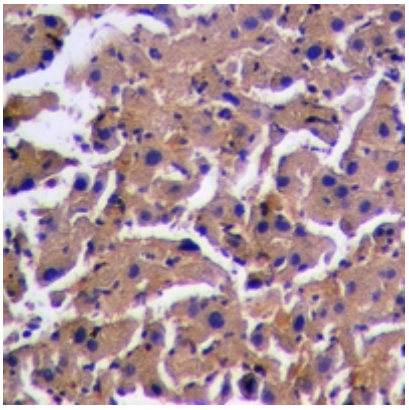
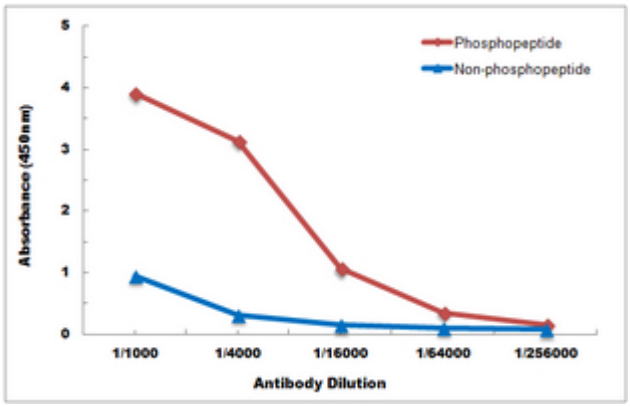


Western blot analysis of PINK1 (Phospho-S228) expression in mouse testis (A), rat testis (B), HEK293T (C), MCF7 (D), U87MG (E) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 60 kD)



Immunohistochemical analysis of PINK1 (Phospho-S228) staining in human tonsil cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Direct ELISA antibody dose-response curve using Anti-PINK1 (Phospho-S228) Antibody. Antigen (Phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

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