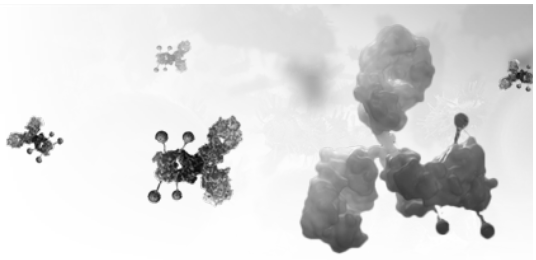

Rabbit Anti-Human PINK1 (Phospho T257) Polyclonal Antibody (CABT-CS467)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody recognizes human PINK1 (pT257) protein with a phosphorylation site Threonine T257. It cross reacts to human, mice and rat.
Target	PINK1
Immunogen	A synthetic peptide derived from a portion of 240-290 aa from the internal sequence of human PINK1 protein. This sequence is identical among rat and mouse
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Bovine
Purification	The Rabbit IgG is purified by site-modified Epitope Affinity Purification.
Conjugate	unconjugated
Applications	IHC (P), WB, ELISA, IP
Format	Liquid
Size	100 µg
Buffer	This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer
Preservative	None
Storage	The antibodies are stable for 24 months from date of receipt when stored at –20°C to –70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity.

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Avoid repeated freezing-thawing cycles.

BACKGROUND

Introduction	PINK1, PTEN induced putative kinase 1 (PINK1), is a tumor suppressor. It is primarily located in mitochondria, and is ubiquitously expressed in testis, skeletal muscle, and heart tissue. It can also be detected at lower levels in pancreas, ovary, brain, placenta, kidney, liver, prostate and small intestine. During cellular stress PINK1 protects against mitochondrial dysfunction by inducing phosphorylation mitochondrial proteins. PINK1 mutations may give rise to different autophosphorylation activity. Mutations in the PINK1 gene (PARK6) are associated with early onset Parkinsonâ€²s disease, a recessive neurodegenerative disorder characterized by resting tremor, muscular rigidity, bradykinesia and postural instability. Parkinson's disease generally involves the presence of intraneuronal accumulations of aggregated proteins (Lewy bodies) in brain neurons.
Keywords	PINK1; PTEN induced putative kinase 1; PARK6

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