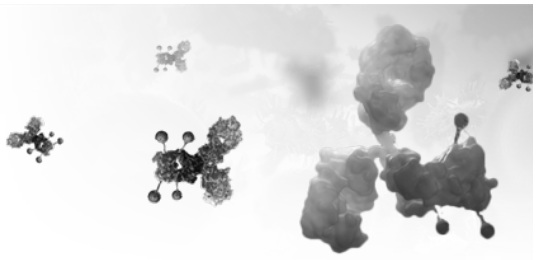

Rabbit Anti-PARK monoclonal antibody, clone KG93-10 (CABT-L883)

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

PRODUCT INFORMATION

Target	Parkin
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KG93-10
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	52 kDa
Cellular Localization	Cytoplasm, Nucleus, Endoplasmic reticulum, Mitochondrion.
Positive Control	N2A, SH-SY-5Y, PC-3M, rat brain tissue, mouse testis tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Parkin is a zinc-finger protein that is related to ubiquitin at the amino terminus. The wild type Parkin gene, which maps to human chromosome 6q25.2-27, encodes a 465 amino acid full-length protein that is expressed as multiple isoforms. Mutations in the Parkin gene are responsible for autosomal recessive juvenile Parkinson's disease and commonly involve deletions of exons 3-5. In humans, Parkin is expressed in a subset of cells of the basal ganglia, midbrain, cerebellum and cerebral cortex, and is subject to alternative splicing in different tissues. Parkin expression is also high in the brainstem of mice, with the majority of immunopositive cells being neurons. The Parkin gene has been identified in a diverse group of organisms including mammals, birds, frog and fruit flies, suggesting that analogous functional roles of the Parkin protein may have been highly conserved during the course of evolution.
Keywords	AR JP;E3 ubiquitin ligase;E3 ubiquitin protein ligase parkin;E3 ubiquitin-protein ligase parkin;FRA6E;LPRS 2;LPRS2;PARK 2;Park2;Parkin 2;Parkinson disease (autosomal recessive juvenile) 2;Parkinson disease (autosomal recessive, juvenile) 2, parkin;Parkinson disease protein 2;Parkinson juvenile disease protein 2;Parkinson protein 2 E3 ubiquitin protein ligase;Parkinson protein 2, E3 ubiquitin protein ligase (parkin);PDJ;PRKN 2;PRKN;PRKN2;PRKN2_HUMAN;Ubiquitin E3 ligase PRKN antibody

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