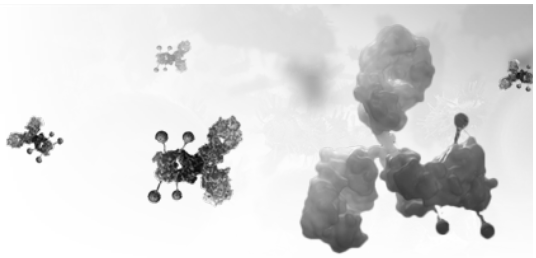

Human PARK2 blocking peptide (CDBP2196)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PARK2 antibody
Antigen Description	The precise function of this gene is unknown; however, the encoded protein is a component of a multiprotein E3 ubiquitin ligase complex that mediates the targeting of substrate proteins for proteasomal degradation. Mutations in this gene are known to cause Parkinson disease and autosomal recessive juvenile Parkinson disease. Alternative splicing of this gene produces multiple transcript variants encoding distinct isoforms. Additional splice variants of this gene have been described but currently lack transcript support. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	PARK2 parkin RBR E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	PARK2
Synonyms	PARK2; parkin RBR E3 ubiquitin protein ligase; PDJ; PRKN; AR-JP; LPRS2; E3 ubiquitin-protein ligase parkin; parkinson juvenile disease protein 2; parkinson protein 2, E3 ubiquitin

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	protein ligase (parkin); Parkinson disease (autosomal recessive, juvenile) 2, parkin;
Entrez Gene ID	5071
mRNA Refseq	NM_004562.2
Protein Refseq	NP_004553.2
UniProt ID	O60260
Chromosome Location	6q25.2-q27
Pathway	Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Parkin-Ubiquitin Proteasomal System pathway, organism-specific biosystem; Parkinsons disease, organism-specific biosystem; Parkinsons Disease Pathway, organism-spec
Function	PDZ domain binding; chaperone binding; identical protein binding; kinase binding; protein binding; protein kinase binding; ubiquitin protein ligase binding; ubiquitin-protein ligase activity; zinc ion binding;

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