

Rabbit Anti-Parkin , Alexa Fluor® 750 conjugated antibody

SL1865R-AF750

Product Name	Parkin, Bodipy Fluor 750 conjugated
Chinese Name	AF750 标记的帕金森蛋白抗体
Alias	Parkin protein; AR JP; E3 ubiquitin protein ligase parkin; FRA6E; LPRS 2; LPRS2; PARK 2; PARK2; Parkinson disease (autosomal recessive juvenile) 2; Parkinson disease protein 2; Parkinson juvenile disease protein 2; PDJ; PRKN 2; PRKN; PRKN2; Ubiquitin E3 ligase PRKN.
Research Area	Cell biology immunology Neurobiology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human,Mouse,Pig)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	51kDa
Cellular localization	The nucleus cytoplasmic The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Parkin protein: 361-465/465
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed

Parkin's Disease, the second most common neurodegenerative disease after Alzheimer's Disease, is characterized by the loss of dopaminergic neurons and the presence of Lewy bodies (comprised of alpha synuclein and parkin inclusions). Autosomal Recessive Juvenile Parkinsonism (AR-JP) is a recently described form of Parkinson's Disease that has been linked to a gene that codes for parkin. Parkin, a 52 kDa protein, has a suggested role in the ubiquitin/proteasome pathway for protein degradation. The amino terminus bears sequence homology to ubiquitin while functionally it acts as a RING type ubiquitin protein ligase (E3) that coordinates the transfer of ubiquitin to substrate proteins, thus targeting them for degradation by the proteasome.

SWISS:
O60260

Gene ID:
5071

Product Detail

Database links:

[Entrez Gene: 5071](#) Human

[Entrez Gene: 50873](#) Mouse

[Entrez Gene: 56816](#) Rat

[Omim: 602544](#) Human

[SwissProt: O60260](#) Human

[SwissProt: Q9WVS6](#) Mouse

[SwissProt: Q9JK66](#) Rat

[Unigene: 132954](#) Human

[Unigene: 311110](#) Mouse

[Unigene: 207194](#) Rat