

Rabbit Anti-Parkin , Alexa Fluor® 680 conjugated antibody

SL1865R-AF680

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| Product Name | Parkin, Bodipy Fluor 680 conjugated |
| Chinese Name | AF680 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