

Parkin(phospho Ser131) Rabbit Polyclonal Antibody



产品详情

产品货号	产品名称	储存条件	保质期
IM51729	Parkin(phospho Ser131)Rabbit Polyclonal Antibody	-20℃	1 年

产品详情:

产品货号	IM51729
别名	PARK2;PRKN;E3 ubiquitin-protein ligase parkin;Parkinson juvenile disease protein 2;Parkinson disease protein 2
产品名称	Parkin(phospho Ser131)Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	PARK2
蛋白名称	E3 ubiquitin-protein ligase parkin
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, ELISA
反应种属	Human, Rat, Mouse
浓度	1mg/ml
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Human Gene ID	5071
Human Swissprot No.	060260
Mouse Swissprot No.	Q9WVS6

免疫原	The antiserum was produced against synthesized peptide derived from human Parkin around the phosphorylation site of Ser131. AA range:101-150
特异性	Phospho-Parkin(S131) Polyclonal Antibody detects endogenous levels of Parkin protein only when phosphorylated at S131.
稀释度	WB 1:500-2000, IHC-P 1:100-1:300, ELISA 1:20000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	51kDa
运输及保存条件	-20°C/1year
宿主	Rabbit
同种型	Rabbit, IgG
背景介绍	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].
组织表达	Highly expressed in the brain including the substantia nigra (PubMed:9560156, PubMed:19501131). Expressed in heart, testis and skeletal muscle (PubMed:9560156). Expression is down-regulated or absent in tumor biopsies, and absent in the brain of PARK2 patients (PubMed:14614460, PubMed:12719539). Overexpression protects dopamine neurons from kainate-mediated apoptosis (PubMed:12628165). Found in serum (at protein level)

组织表达	(PubMed:19501131).
细胞定位	Cytoplasm, cytosol. Nucleus. Endoplasmic reticulum. Mitochondrion. Mitochondrion outer membrane. Cell projection, neuron projection. Cell junction, synapse, postsynaptic density. Cell junction, synapse, presynapse. Mainly localizes in the cytosol (PubMed:19029340, PubMed:19229105). Co-localizes with SYT11 in neurites (PubMed:12925569). Co-localizes with SNCAIP in brainstem Lewy bodies (PubMed:10319893, PubMed:11431533). Translocates to dysfunctional mitochondria that have lost the mitochondrial membrane potential; recruitment to mitochondria is PINK1-dependent (PubMed:24898855, PubMed:18957282, PubMed:19966284, PubMed:23620051). Mitochondrial localization also gradually increases with cellular growth (PubMed:22082830).
信号通路	Ubiquitin mediated proteolysis; Parkinson's disease;

注意事项:

1. 本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2. 为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。
3. 实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

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电话：13564444959

官网：www.followme-shop.com

地址：北京市海淀区东北旺西路58号尚科办公社区C区一楼



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