

**产品名称: Phospho-LRRK2 (S935) (16B17) Rabbit
Monoclonal Antibody**
产品货号: AMRe05937



产品概述 (Summary)

产品名称 (Production Name)	Phospho-LRRK2 (S935) (16B17) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	LRRK2
别名 (Alternative Names)	AURA17;Dardarin; LRRK2; LRRK 2; PARK8; RIPK7; ROCO2;
基因 ID (Gene ID)	120892.0
蛋白 ID (SwissProt ID)	Q5S007.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000
蛋白分子量 (Molecular Weight)	286kDa

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研究背景 (Background)

The process involves activation of nicotinic acid adenine dinucleotide phosphate (NAADP) receptors, increase in lysosomal pH, and calcium release from lysosomes. Together with RAB29, plays a role in the retrograde trafficking pathway for recycling proteins, such as mannose 6 phosphate receptor (M6PR), between lysosomes and the Golgi apparatus in a retromer-dependent manner. Regulates neuronal process morphology in the intact central nervous system (CNS). Plays a role in synaptic vesicle trafficking. Phosphorylates PRDX3. Has GTPase activity. May play a role in the phosphorylation of proteins central to Parkinson disease. Serine/threonine-protein kinase which phosphorylates a broad range of proteins involved in multiple processes such as neuronal plasticity, autophagy, and vesicle trafficking (PubMed: 20949042, PubMed: 22012985, PubMed: 26824392, PubMed: 29125462, PubMed: 28720718, PubMed: 29127255, PubMed: 30398148, PubMed: 29212815, PubMed: 30635421, PubMed: 21850687, PubMed: 23395371, PubMed: 17114044, PubMed: 24687852, PubMed: 26014385, PubMed: 25201882). Is a key regulator of RAB GTPases by regulating the GTP/GDP exchange and interaction partners of RABs through phosphorylation (PubMed: 26824392, PubMed: 28720718, PubMed: 29127255, PubMed: 30398148, PubMed: 29212815, PubMed: 29125462, PubMed: 30635421). Phosphorylates RAB3A, RAB3B,

RAB3C, RAB3D, RAB5A, RAB5B, RAB5C, RAB8A, RAB8B, RAB10, RAB12, RAB35, and RAB43 (PubMed: 26824392, PubMed: 28720718, PubMed: 29127255, PubMed: <a

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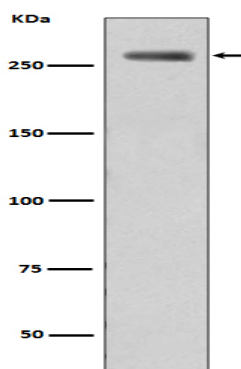
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研究领域 (Research Area)

Neuroscience; Neurology process; Neurodegenerative disease; Parkinson's disease; Synuclein; Diseases

图片 (Image Data)



Western blot analysis of Filamin A phosphorylation expression in WT-LRRK2 cell lysate treated LRRK2.

注意事项 (Note)

For research use only .