

# Phospho-LRRK2-S935 Rabbit mAb

Catalog No.: AP1154 **Recombinant**

## Basic Information

### Observed MW

286kDa

### Calculated MW

286kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse, Rat

### CloneNo number

ARC1694

## Background

This gene is a member of the leucine-rich repeat kinase family and encodes a protein with an ankyrin repeat region, a leucine-rich repeat (LRR) domain, a kinase domain, a DFG-like motif, a RAS domain, a GTPase domain, a MLK-like domain, and a WD40 domain. The protein is present largely in the cytoplasm but also associates with the mitochondrial outer membrane. Mutations in this gene have been associated with Parkinson disease-8.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

120892

### Swiss Prot

Q5S007

### Immunogen

A synthetic phosphorylated peptide around S935 of human LRRK2 (Q5S007).

### Synonyms

PARK8; RIPK7; ROCO2; AURA17; DARDARIN; Phospho-LRRK2-S935

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

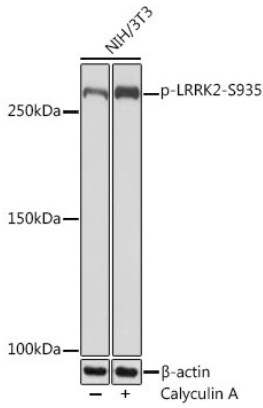
Affinity purification

### Storage

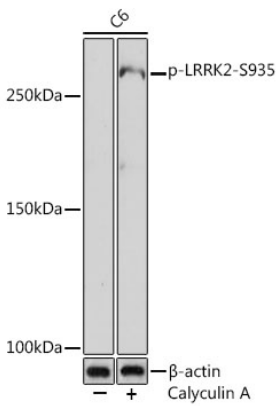
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-LRRK2-S935 Rabbit mAb (AP1154) at 1:1000 dilution. NIH/3T3 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3min.



Western blot analysis of lysates from C6 cells, using Phospho-LRRK2-S935 Rabbit mAb (AP1154) at 1:1000 dilution. C6 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 3min.