Product Name: Phospho-LRRK2 (Ser395) Rabbit Polyclonal Antibody
Catalog #: APRab00676

Summary

Production Name	Phospho-LRRK2 (Ser395) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	LRRK2
Alternative Names	AURA17; Dardarin antibody; ; Leucine rich repeat kinase 2; LRRK 2 antibody; LRRK2; LRRK2_HUMAN; PARK 8; PARK8; RIPK7; ROCO 2; ROCO2
Gene ID	120892
SwissProt ID	Q5S007

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Molecular Weight	Calculated MW: 286 kDa; Observed MW: 286 kDa

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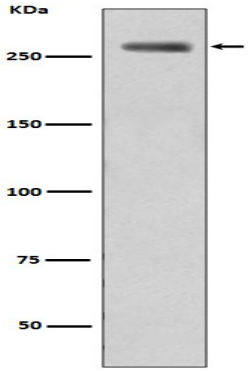
Background

Positively regulates autophagy through a calcium-dependent activation of the CaMKK/AMPK signaling pathway. 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.

Research Area

Neuroscience

Image Data



Western blot analysis of Filamin A Phosphorylation in WTLRRK2 lysates treated LRRK2 using Phospho-LRRK2 (Ser395) antibody.

Note

For research use only.