

LRRK2 Antibody, FITC conjugated



PACO55172

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:

Protein 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. 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.

Gene ID:

LRRK2

Uniprot

Q5S007

Synonyms:

Leucine-rich repeat serine/threonine-protein kinase 2 (EC 2.7.11.1) (Dardarin), LRRK2, PARK8

Immunogen:

Recombinant Human Leucine-rich repeat serine/threonine-protein kinase 2 protein (2029-2275AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images

N/A

N/A