

PHOSPHO-LRRK2 (SER395) RABBIT PAB

Cat.#: N225584

Product Name: Anti-Phospho-LRRK2 (Ser395) Rabbit pAb

Synonyms: AURA17; Dardarin antibody; ; Leucine rich repeat kinase 2; LRRK 2 antibody; LRRK2; LRRK2_HUMAN; PARK 8; PARK8; RIPK7; ROCO 2; ROCO2

UNIPROT ID: Q5S007

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.

Immunogen: A synthesized peptide derived from human Phospho-LRRK2 (S935)

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 286 kDa; Observed MW: 286 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human, Mouse

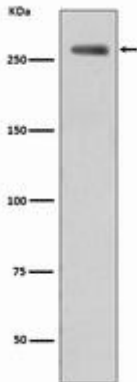
Conjugation: Unconjugated

Modification: Phosphorylated

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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