Rabbit anti LRRK2(Paired T1491) Polyclonal Antibody
Alternative Name(s): leucine-rich repeat kinase 2

Order Information

- **Description:** LRRK2(Paired T1491)
- **Catalogue:** 630-050
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu, Ms, Rt, Bv

ANTIGEN PREPARATION
leucine T1491)

BACKGROUND
LRRK2, leucine rich repeat kinase 2, belong to the leucine-rich repeat kinase family and encodes a protein with an ankryin 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.

PURIFICATION
The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION
This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY
This antibody recognizes human LRRK2 protein without a phosphorylation T1491. it cross reacts to human, rat and mice.

STORAGE
The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

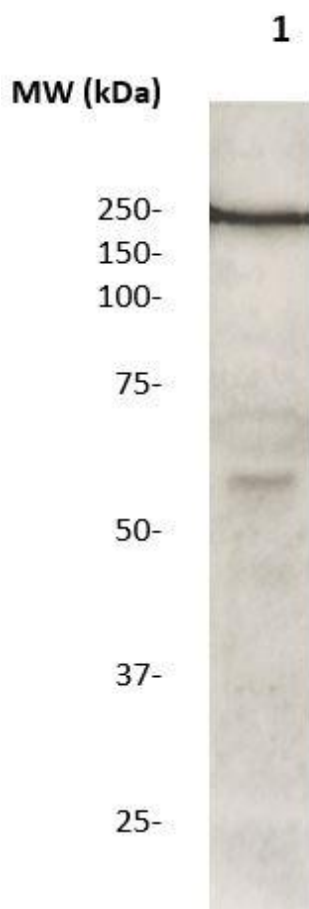## APPLICATIONS/SUGGESTED WORKING DILUTIONS*
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 250.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

DATA ATTACHMENTS

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MW (kDa)

250-
150-
100-

75-

50-

37-

25-

Western Blot: The whole lysate derived from U118MG (20 ug/lane) immunoblotted by Rabbit anti – LRRK2 (paired T1491) (Cat# 630-050) at 1:500. Observed a major immunoreactive band at molecular weight >200 kDa.

REFERENCES