



Rabbit anti PINK1 Polyclonal Antibody

Alternative Name(s): PTEN induced kinase 1; PINK; BRPK; PARK6

Order Information

- **Description:** PINK1
- **Catalogue:** 630-470
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu, Ms, Rt, Bv

ANTIGEN PREPARATION

A synthetic peptide derived from a portion of 240-290 aa from the internal sequence of human PINK1 protein. This sequence is identical among rat and mouse.

BACKGROUND

The PINK1 (PTEN induced kinase 1) is a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. It is considered as a mitochondrial gatekeeper which is able to sense the presence of healthy or damaged mitochondria. It protects cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease. This protein is ubiquitous expression in testis, brain and other tissues.

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 PINK1 protein. It cross reacts to human, mice and rat.

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: 55.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

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

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com



DATA ATTACHMENTS

REFERENCES

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