# PINK1 Rabbit pAb

Catalog No.: A7131 52 Publications



# **Basic Information**

## **Observed MW**

60kDa

## **Calculated MW**

63kDa

## Category

Primary antibody

## **Applications**

WB,IF/ICC,IHC-P,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

# **Background**

This gene encodes a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease.

## **Recommended Dilutions**

**WB** 1:1000 - 1:5000

**IF/ICC** 1:50 - 1:200

IHC-P 1:200 - 800

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

# **Immunogen Information**

**Gene ID**Swiss Prot
65018
Q9BXM7

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

BRPK; PARK6; PINK1

## **Contact**

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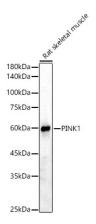
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from Rat skeletal muscle, using PINK1 Rabbit pAb (A7131) at 1:2000 dilution

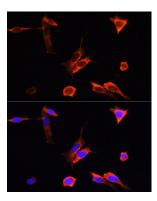
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

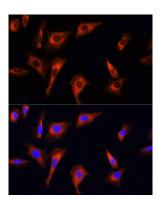
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using PINK1 Rabbit pAb (A7131) at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using PINK1 Rabbit pAb (A7131) at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.