PINK1 Rabbit mAb

Catalog NO.: A25301 Recombinant 2 Publications

Basic Information

Observed MW
65kDa

Calculated MW
63kDa

Category
Monoclonal Antibodies

Applications
WB, IF-P, ELISA

Cross-Reactivity
Human

Conjugation
Unconjugated

Clone number
ARC3235

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	1:500 - 1:1000
IF-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
65018

Swiss Prot
Q9BXM7

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

Synonyms
BRPK; PARK6; PINK1

Contact

Product Information

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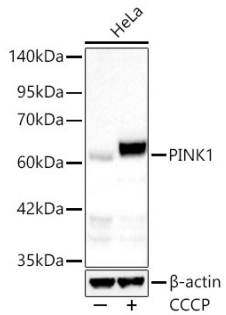
Source
Rabbit

Isotype
IgG

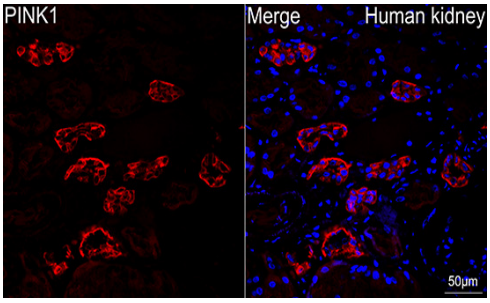
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from HeLa cells using PINK1 Rabbit mAb (A25301) at 1:1000 dilution. HeLa cells were treated with CCCP (10 μM) for 24 hours .
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 60s.



Confocal imaging of paraffin-embedded Human kidney tissue using PINK1 Rabbit mAb (A25301, dilution 1:500) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

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