

## Rabbit anti-Human, mouse PINK1 (PARK6) Polyclonal Antibody | anti-PINK1 antibody

PINK1 (PARK6) Antibody (Center)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS        |
|-----------|--------|--------------|---------------------|
| AAA283605 | Rabbit | Human, mouse | ELISA, Western Blot |

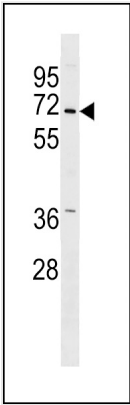
### PRODUCT SYNONYMS

PINK1 (PARK6); Polyclonal Antibody; PINK1 (PARK6) Antibody (Center); Serine/threonine-protein kinase PINK1; mitochondrial; BRPK; PTEN-induced putative kinase protein 1; PINK1; anti-PINK1 antibody

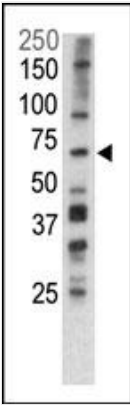
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                    |
| Reactivity                                      | Human, mouse                                                                                                                                                                              |
| Clonality                                       | Polyclonal                                                                                                                                                                                |
| Isotype                                         | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                     | This PINK1 (PARK6) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 237-266 amino acids from the Central region of human PINK1 (PARK6).       |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                   | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                              | 237-266                                                                                                                                                                                   |
| Sequence Length                                 | 581                                                                                                                                                                                       |
| Applicable Applications for anti-PINK1 antibody | ELISA, WB (Western Blot)                                                                                                                                                                  |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                  | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

IMAGES



**WB (Western Blot)**  
Park6 (PINK1) Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the Park6 (PINK1) antibody detected the Park6 (PINK1) protein (arrow).



**WB (Western Blot)**  
The anti-PINK1 C-term Pab is used in Western blot to detect PINK1 in mouse heart tissue lysate.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PINK1 antibody | Parkinson is the second most common neurodegenerative disease after Alzheimers. About 1 percent of people over the age of 65 and 3 percent of people over the age of 75 are affected by the disease. The mutation is the most common cause of Parkinson disease identified to date. Defects in PINK1 are the cause of autosomal recessive early-onset Parkinson's disease 6 (PARK6). Six novel pathogenic PINK1 mutations suggest that PINK1 may be the second most common causative gene next to parkin in parkinsonism with the recessive mode of inheritance. Strong evidence indicates that, although important in mendelian forms of Parkinson's disease (PD), PINK1 does not influence the cause of sporadic nonmendelian forms of PD. |
| Product Categories/Family for anti-PINK1 antibody   | Cardiovascular; Metabolism; Neuroscience; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| References                                          | Rogaeva,E.,et al. Arch. Neurol. 61 (12), 1898-1904 (2004) Hatano,Y., et al. Ann. Neurol. 56 (3), 424-427 (2004) Healy,D.G., et al. Ann. Neurol. 56 (3), 329-335 (2004) Valente,E.M., et al. Science 304 (5674), 1158-1160 (2004) Nakajima,A., et al. Cancer Lett. 201 (2), 195-201 (2003) Unoki,M. and Nakamura,Y. Oncogene 20 (33), 4457-4465 (2001)                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 14165272                                             |
| NCBI GeneID                      | 65018                                                |
| NCBI Accession #                 | NP_115785.1                                          |
| NCBI GenBank Nucleotide #        | NM_032409.2                                          |
| UniProt Accession #              | Q9BXM7; Q8N6T9; Q8NBU3; Q96DE4                       |
| Molecular Weight                 | 62769                                                |
| NCBI Official Full Name          | serine/threonine-protein kinase PINK1, mitochondrial |
| NCBI Official Synonym Full Names | PTEN induced putative kinase 1                       |
| NCBI Official Symbol             | PINK1                                                |
| NCBI Official Synonym Symbols    | BRPK; PARK6                                          |
| NCBI Protein Information         | serine/threonine-protein kinase PINK1, mitochondrial |
| UniProt Protein Name             | Serine/threonine-protein kinase PINK1, mitochondrial |
| UniProt Gene Name                | PINK1                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/pink1-park6-antibody-western-blot-elisa/283605>