

## Anti-PINK1 Rabbit pAb



WL04963

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-PINK1 Rabbit pAb		
<b>Source</b>	Rabbit		
<b>Species reactivity</b>	Human, Mouse, Rat		
<b>Tested applications</b>	Western blot	1:500-1:1000	
	Immunohistochemistry	1:100-1:400	
	Immunofluorescence	1:100-1:400	
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>		
<b>Molecular Wt.</b>	63 kDa		
<b>Pack size</b>	50/100/200/500/1000 $\mu$ l		
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>		
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide		

## General Information

**Background**

PINK1 is a mitochondrial serine/threonine-protein kinase that protects cells from stress-induced mitochondrial dysfunction. PINK1 is further transferred into the inner membrane. The gene of PINK1 maps to chromosome 1p36.12. Two alternatively spliced variants exist, the shorter isoform produced by alternative splicing. Mutations in the PINK1 gene cause autosomal recessive early-onset Parkinson's disease.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PINK1.

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.

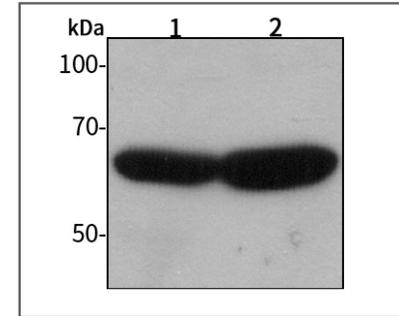
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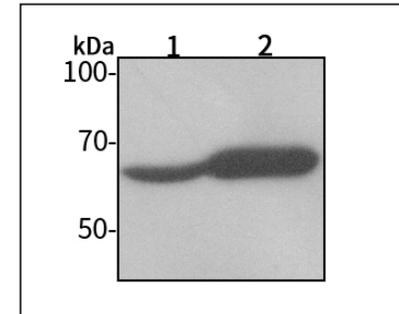
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## Product Images



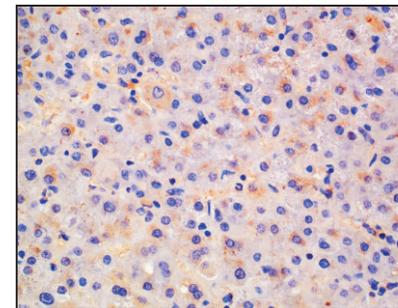
## Western blot-Anti-PINK1 pAb

Lane 1: Human HeLa cell lysate 30 $\mu$ g  
 Lane 2: Human HEK-293 cell lysate 30 $\mu$ g  
 Separation gel: 8% polyacrylamide  
 Electrophoresis: 100V, 4°C, 3h  
 Transmembrane: 100V, 4°C, 1h  
 Blocking: 5% w/v nonfat dry milk, 1 $\times$ TBST, at RT with gentle shaking  
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight  
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min  
 Detection: ECL, 30s-2min



## Western blot-Anti-PINK1 pAb

Lane 1: Mouse lung tissue lysate 30 $\mu$ g  
 Lane 2: Rat colon tissue lysate 30 $\mu$ g  
 Separation gel: 8% polyacrylamide  
 Electrophoresis: 100V, 4°C, 3h  
 Transmembrane: 100V, 4°C, 1h  
 Blocking: 5% w/v nonfat dry milk, 1 $\times$ TBST, at RT with gentle shaking  
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight  
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min  
 Detection: ECL, 30s-2min



## Immunohistochemistry-Anti-PINK1 pAb

Sample: Human liver tissue  
 Antigen retrieval: pH 9.0 Tris-EDTA buffer  
 Primary antibody: 1:200, 4°C, overnight  
 Secondary antibody-Biotin: 1:150, 37°C, 1h  
 Streptavidin-HRP: 1:200, 37°C, 30min  
 Visualization: DAB

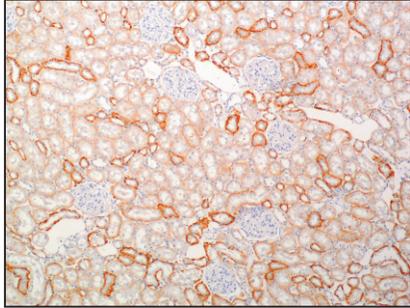
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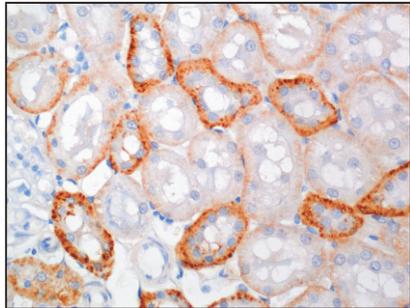
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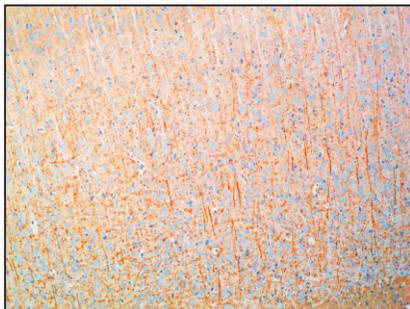
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**Sample:** Mouse kidney tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
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#### Immunohistochemistry-Anti-PINK1 pAb

**Sample:** Rat brain tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB

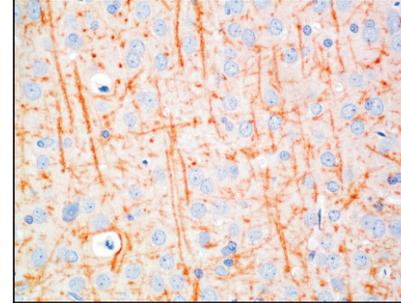
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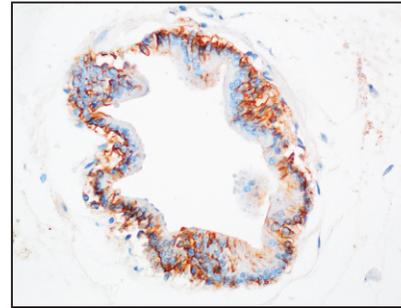
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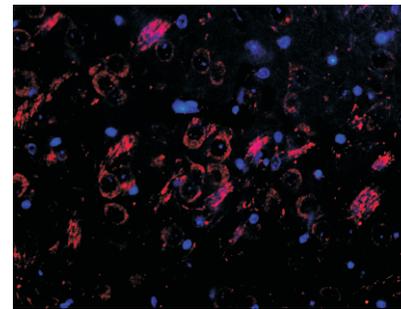
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**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB



#### Immunofluorescence-Anti-PINK1 pAb

**Sample:** Mouse brain tissue  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-CY3:** 1:200, at room temperature, 1h

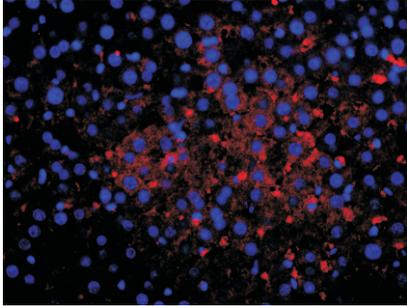
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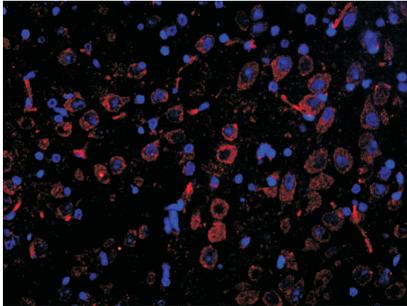


#### Immunofluorescence-Anti-PINK1 pAb

**Sample:** Rat liver tissue

**Primary antibody:** 1:200, 4°C, overnight

**Secondary antibody-CY3:** 1:200, at room temperature, 1h



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**Sample:** Rat brain tissue

**Primary antibody:** 1:200, 4°C, overnight

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