

Rabbit PINK1 Polyclonal Antibody | anti-PINK1 antibody

PINK1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201178	Rabbit	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

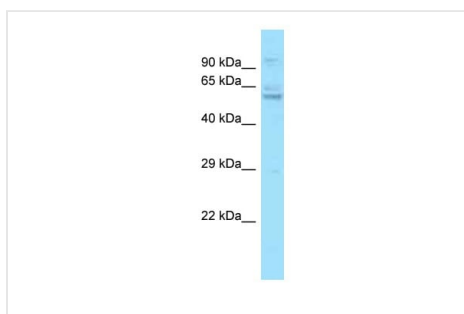
PRODUCT SYNONYMS

PINK1; Polyclonal Antibody; PINK1 antibody - N-terminal region; anti-PINK1 antibody

PRODUCT SPECIFICATIONS

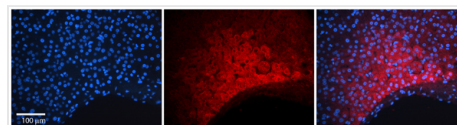
Host	Rabbit
Reactivity	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5- 1mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: GC AGPCGRAVFL AFGLGLGLIE EKQAESRRRAV SACQEIQAI FTQKSKPGP
Sequence Length	581
Applicable Applications for anti-PINK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%
Protein Size	581 amino acids
Protein Interactions	MMT; RHOT2; MCL1; BCL2L2; BCL2L1; UBC; BAG2; CRLS1; FBXO7; SARM1; RB1CC1; TOMM20; VIM; TRAF6; HSPA1B; HSPA1A; PARK2; HSP90AA1; TOLLIP; MAP3K7; IRAK1; RICTOR; SENP8; MAPKAP1; COPS8; UBE2M; AKT1; NEDD8; PINK1; TOMM22; RHOT1; HTRA2; PARK7; CDC37; TOMM40; TO
REplacement Item	This antibody may replace item sc-32583 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



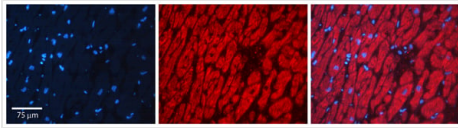
WB (Western Blot)

WB Suggested Anti-PINK1 Antibody Titration: 1.0 ug/ml Positive Control: RPMI-8226 Whole Cell



IHC (Immunohistochemistry)

Rabbit Anti-PINK1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-PINK1 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Tissue Observed Staining: Cytoplasmic
 Primary Antibody Concentration: N/A
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PINK1 antibody	This is a rabbit polyclonal antibody against PINK1. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-PINK1 antibody	Polyclonal; Mitochondria; Neuroscience; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	14165272
NCBI GeneID	65018
NCBI Accession #	NP_115785
NCBI GenBank Nucleotide #	NM_032409
UniProt Accession #	Q9BXM7
Molecular Weight	63kDa
NCBI Official Full Name	serine/threonine-protein kinase PINK1, mitochondrial
NCBI Official Synonym Full Names	PTEN induced 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
UniProt Entry Name	PINK1_HUMAN

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.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/pink1-antibody-immunohistochemistry-western-blot-elisa/201178>